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Muskingum College

New Concord, Ohio

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MUSKINGUM COLLEGE BULLETIN

Series XIV **JUNE, 1918** **No. 3**

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Annual Catalog

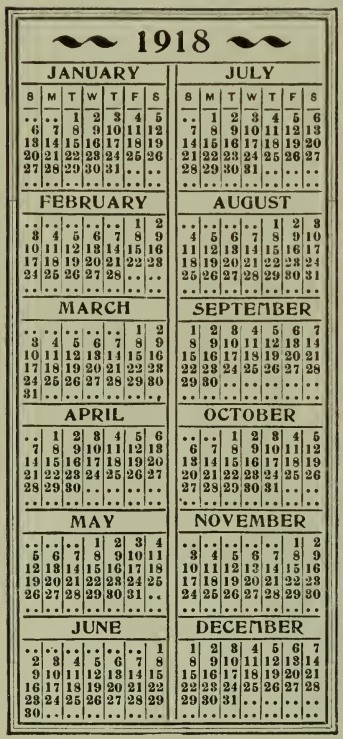
of

Muskingum College

For the Year

1918-1919

Bulletin, Series XIV, No. 3
Issued Bi-Monthly by the College, New Concord, O.
May-June 1918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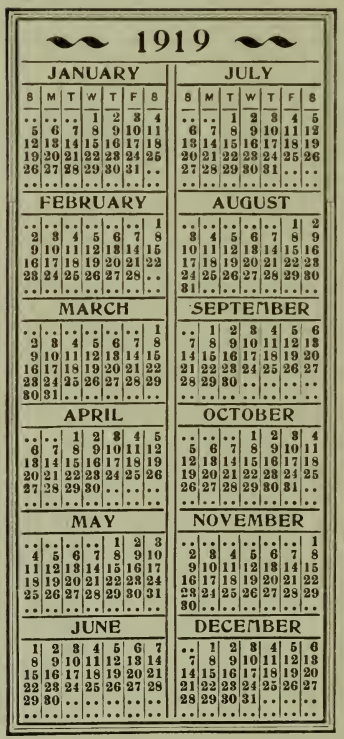
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CALENDAR

THE COLLEGE CALENDAR, 1918-1919

January 8, Tuesday, 7:00 A. M. ..... Winter Recess Ended
February 1, Friday, 3:30 P. M. ..... First Semester Ended
February 2, Saturday, 7:30 A. M. ..... Registration and Tuition
February 4, Monday, 10:30 A. M. ..... Second Semester Began
March 18, Monday ..... Founders' Day
April 29, Monday ..... Spring Normal Term Began
June 2, Sabbath ..... Baccalaureate Sermon
June 3, Monday, 10:30 A. M. ..... Meeting of Trustees
June 4, Tuesday ..... Commencement
June 10, Monday, 2:30 P. M. ..... Summer Term Begins
August 30, Friday, 3:30 P. M. ..... Summer Term Ends
September 16, Monday, 8:00 A. M. ..... Registration and Tuition
September 17, Tuesday, 8:00 A. M. ..... Registration and Tuition
September 17, 2:30 P. M. ..... First Semester Begins
November 28, Thursday ..... Thanksgiving
December 20, Friday, 3:30 P. M. ..... Winter Recess Begins

1919

January 7, Tuesday, 7:00 A. M. ..... Winter Recess Ends
January 31, Friday, 3:30 P. M. ..... First Semester Ends
February 1, Saturday ..... Registration and Tuition
February 3, Monday, 12:30 ..... Second Semester Begins
March 18, Tuesday ..... Founders' Day
March 28, Friday, 3:30 P. M. ..... Spring Vacation Begins
April 8, Tuesday, 7:00 A. M. ..... Spring Vacation Ends
April 28, Monday ..... Spring Normal Term Begins
June 8, Sabbath ..... Baccalaureate Sermon
June 10, Tuesday, 10:30 A. M. ..... Meeting of Trustees
June 12, Thursday ..... Commencement
June 16, Monday, 2:30 P. M. ..... Summer Term Begins
August, 8 ..... Summer Term Ends
September 16, Tuesday, 2:30 P. M. ..... First Semester Begins

COMMENCEMENT PROGRAM 1918

MAY 26—JUNE 4

SABBATH, MAY 26

7:30 P. M. ..... Academy Baccalaureate
By Rev. J. W. Bickett, D. D.

TUESDAY, MAY 28

7:30 P. M. ..... Academy Commencement

THURSDAY, MAY 30

7:00 P. M. ..... Reception to the Senior Class
President and Mrs. Montgomery

FRIDAY, MAY 31

8:00 A. M. ..... Closing Chapel Hour
7:30 P. M. ..... Concert by the Choral Society

SATURDAY, JUNE 1

7:30 P. M. ..... Literary Society Diplomas and Brown Oratorical Contest

SABBATH, JUNE 2

11:00 A. M. ..... Sermon to the Christian Associations
By Rev. R. B. Miller, D. D., Pittsburgh, Pa.
7:30 P. M. ..... Baccalaureate Sermon
By President J. Knox Montgomery

MONDAY, JUNE 3

11:30 A. M. ..... Alumni Association and Banquet
7:30 P. M. ..... Junior Play—"The Melting Pot"

TUESDAY, JUNE 4

10:00 A. M. ..... Commencement Day
Exercises by Representatives of the Class
2:00 P. M. ..... Conferring of Degrees and Annual Address
By Dr. John M. Coulter, the University of Chicago
7:00 P. M. ..... President's Reception to the Public
8:00 P. M. ..... The College Sing

TRUSTEES, OFFICERS, COMMITTEES, AND FACULTY

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Term Expires 1918

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R. L. Brownlee, Esq. .....Steubenville, Ohio
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Rev. Ira F. Leeper.....St. Clairsville, Ohio

Term Expires 1919

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Rev. D. A. McClenahan, D. D., LL. D. .....Pittsburgh, Pa.
Rev. L. L. Gray .....Northfield, Ohio
Rev. S. E. Martin, D. D. .....Akron, Ohio
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Robert McGowan, Esq. .....Steubenville, Ohio
Fred Sebring, Esq. .....Sebring, Ohio
S. E. Findley, M. D. .....Mansfield, Ohio
L. B. Peterson, M. D. .....Steubenville, Ohio

Term Expires 1920

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T. Dale Kyle, Esq. ..... Xenia, Ohio
J. H. McCall .....Cleveland, Ohio
J. M. Brown, Esq. .....Wheeling, W. Va.
E. B. Castor, Esq. .....New Concord, Ohio
Rev. J. H. Spencer.....Wooster, Ohio
D. M. Ogilvie .....E. Liverpool, Ohio
W. S. George, Esq. .....E. Palestine, Ohio
Thomas Pyles, Esq. .....Cambridge, Ohio

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Rev. W. J. Grimes, D. D., New Concord, Ohio.....Secretary
L. J. Graham, Esq., New Concord, Ohio .....Treasurer

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J. Knox Montgomery, D. D., Chairman
H. A. Kelsey, D. D.
W. J. Grimes, D. D.
J. M. Brown, Esq.
E. B. Castor, Esq.

Finance Committee

W. J. Grimes, D. D. Chairman
E. B. Castor, Esq.
W. B. Baughman, Esq.

Visiting Committee

C. Ellis Moore, Chairman
Prof. S. H. Maharry
Rev. J. H. Spencer
Rev. M. A. Eakin
W. P. Aikin, D. D.
Robert McGowan, Esq.

Committee on Buildings and Grounds

Robert McGowan, Chairman
Thomas Pyle, Esq.
T. D. Kyle, Esq.

Degree Committee

Rev. L. L. Gray, Chairman
S. E. Martin, D. D.
O. H. Milligan, D. D.

OFFICERS AND COMMITTEES OF THE FACULTY

J. Knox Montgomery, D. D.....President
Howard McDonald, Ph. D.....Dean
Thomas H. Paden, Ph. D.....Secretary
G. B. McCreary, Ph. D.....Registrar

STANDING COMMITTEES OF FACULTY

Registration, Classification, and Reports—Professors McCreary, McDonald, Lowery, and Baldwin.

Student Affairs and Regulations—Professors McDonald, Moore, F. Layton, and Stewart.

Athletics and Gymnasium—Professors Graham, Lowery, Coleman, and McDonald.

Library—Professors, Coleman, Brown, Bryant, Baldwin, and Layton.

Lectures and Public Exercises—Professors Layton, Graham, Hosmer, Stewart, and Bryant.

College and Student Publications—Professors Baldwin, McCreary, Lowery, Sharp, and Stone.

Appointment and Recommendation—Professors Lowery, McDonald, Sharp, and Brown.

Senior Theses and Speakers—Professors Baldwin, F. Layton, Brown, and E. Stewart.

The President is ex officio member of all committees.

Engineer and Chief Janitor—G. Cameron McConagha.

Fireman—Harold Hammond.

FACULTY

J. KNOX MONTGOMERY, D. D., PRESIDENT

HOWARD McDONALD, A. M., Ph. D., DEAN
Professor of Political Science

GEORGE BOONE McCREARY, A. M., Ph. D., REGISTRAR
Professor of Greek and English Bible

JOHN ALEXANDER GRAY, A. M., Ph. D.
Professor of Mathematics and Logic

THOMAS HOSACK PADEN, A. M., Ph. D.
Professor of Latin

JOHN COLEMAN, A. M.
Professor of Psychology

MARY EMMA SHARP, A. M.
Professor of Modern Languages

JOHN GLENN LOWERY, M. S.
Professor of Education and Principal of Academy

EARLE RUSKIN BRYANT, A. M.
Professor of Biology

JOHN IRWIN STEWART, A. M.
Professor of History

CHARLES RUSH LAYTON, A. M.
Professor of Oratory and Expression

THOMAS WHITFIELD BALDWIN, A. M., Ph. D.
Professor of English.

†JOHN WALTER GOOD, A. M., Ph. D.
Professor of Education

† LLOYD DeWITT COPELAND, A. M.
Professor of Chemistry

* J. GREGORY MARTIN, A. B., M. D.
Assistant Professor of Chemistry

HARRY WILSON KERR, B. S.
Assistant Professor of Chemistry

BEULAH BROOKS BROWN, Ph. B.
Instructor in English

† Resigned.
* Entered the Service.

MARY ELIZABETH STEWART, A. B.
Instructor in French and German

JEANNETTE REED, A. M.
Instructor in Latin

MARGARET LAWRENCE, A.B., B. S.
Instructor in Home Economics

FERNE PARSONS LAYTON, B. O.
Physical Director of Women and Assistant in Oratory

MARY AUGUSTA STONE, A. B.
Normal Instructor

ANNA KATHARINE MOORE, B. S.
Dean of Women

EDWARD H. FREEMAN
Director of Conservatory of Music, Composition, Pianoforte, Organ.

ALBERT EDWIN HOSMER
Voice, Sight Singing, Chorus

WILLIAM WISHART GRAY
Violin, Orchestra

CAPTAIN C. F. MUNZ
Instructor in Military Tactics

W. W. OLIVER
Assistant Instructor in Military Tactics

FRANK PATTERSON WILSON
Assistant in Physical Laboratory

HOWARD LEE, JOHN WESLEY MILLER, HARRY MAC KELSO
Assistants in Chemical Laboratories

WALLACE BOWLES TAGGART
Assistant in Biological Laboratory

RUTH LOUISE POLLOCK
Librarian

RAY MICHAEL
Athletic Director and Coach

LEONARD JOHNSON GRAHAM, A. M.
Treasurer

GENERAL INFORMATION

HISTORICAL STATEMENT

The first steps toward the establishment of Muskingum College were taken by the people of New Concord in 1836, when, believing in the "Ordinance of 1787," which declared that "Religion, Morality and Knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall be forever encouraged," they applied for a charter. This was granted by the General Assembly of the State of Ohio, March 18, 1837. For many years the College was run as a local institution, governed by a local Board of Trustees. In 1877, believing that the time had come for the college to enter upon a broader field of service, its formal control was transferred to the United Presbyterian Presbyteries of Muskingum and Mansfield. In 1888 its sphere of service was still further extended when it came under the control of the United Presbyterian Synod of Ohio. These transfers have largely increased its constituency and made it the representative of higher education for a Christian body, having a large membership in Ohio, Michigan, West Virginia, and Pennsylvania. The Board of Trustees is elected by the Synod of Ohio, nine of them being nominated by the Alumni Association of the College. Though under denominational care and control, the College offers her advantages to all on equal terms, without regard to denominational affiliation. Three denominations are represented on her board, six on her faculty, and sixteen in her student body.

Among those who have served Muskingum College as president are men whose names are widely known in the United Presbyterian Church and in the educational world. Among these may be mentioned her first president, Rev. Benjamin Waddle, D. D., who was in close touch with the institution for over twenty years. Rev. David A. Wallace, D. D., LL. D., who afterwards became the efficient president of Monmouth College, began his educational career as president of Muskingum. Rev. David Paul, D. D., was president for fourteen years, a man mighty in word and in deed. Rev. F. M. Spencer, D. D., ex-president of Cooper College, was president of Muskingum from 1870 to 1886. Rev. J. D. Irons, D. D., LL. D., succeeded him, serving the institution for five years. Rev. Jesse Johnson,

D. D., now professor in Xenia Theological Seminary, was president from 1893 to 1902. During his administration the present main college building and gymnasium were erected.

The present president entered upon his duties in September, 1905, and was inaugurated November 7 of the same year. During his administration, the entrance requirements have been standardized and the curriculum of the college strengthened, until it now meets the requirements of the Associated Colleges of Ohio and of the North Central Association of Colleges and Secondary Schools. The Academy has a four year course bearing the imprimatur of the State School Commissioner of Ohio as a first grade high school and is a member of the North Central Association. The growth of the institution has been rapid during the past few years, the total enrollment this year aggregating 954. Over eleven thousand young men and women have been in attendance upon Muskingum. Over half of her male graduates have entered the ministry, a large number have served as teachers, and nineteen have become college, university, and seminary presidents, two of whom attained national, and one, the late President W. R. Harper of Chicago University, international fame. Thousands of other teachers have received their training at Muskingum College. Her roster of statesmen, lawyers, bankers, and business men, includes names that are most honored. Today Muskingum College through her representatives serves in all parts of the world. During the past thirteen years fifty-two of her graduates have sailed for foreign fields. Her student body today comes from twenty-three states and three foreign countries. A first-class Conservatory of Music has been developed in connection with the college and a school of expression which has few superiors in this or other states. The college has taken front rank in Ohio in oratory and debate, having won the State Oratorical Contest three times, and during the same time winning twenty-seven intercollegiate debates, besides winning the Tri-State Oratorical Contest three times and once winning the Inter-State Oratorical Contest over the leading orators of eleven states representing one hundred and eleven colleges and universities.

The aim of the institution is to give thorough training. The college idea should be culture—the production of the best manhood and womanhood. And this does not require that utility be lost sight of, but that it be held in proper relation. For young peo-

ple the studies which are called "practical" are after all more useful for their discipline than for their direct contribution to skill in the callings of life. She concentrates her effort, so far as studies are concerned, on the preparation of young men and women to receive the bachelor's degree, and her good reputation for undergraduate work has proved her wisdom.

The graduates of Muskingum College do not fail to take high rank in university post graduate work or when they enter professional or technical schools. Students coming to Muskingum may be sure of thorough training, and a preparation for life that will serve their best interests and fit them for rendering the best service to their generation.

LOCATION

Muskingum College is located on the main line of the B. & O. Railroad, two hours east of Columbus, Ohio, and four hours and thirty minutes west of Pittsburgh, Pa. It is eight miles from the city of Cambridge, and eighteen miles from the city of Zanesville. Connections at Pittsburgh, Wheeling, Bellaire, Cambridge, Zanesville, Newark, Columbus, Mt.Vernon, Mansfield, Cincinnati, etc. make New Concord easy of access. The College town is located among the picturesque hills of southern Ohio, and is beautiful for situation. The altitude of the College hill is about 1,000 feet above sea level. It is an ideal college town, supporting five churches, and has never had a saloon. The healthfulness of the place, the moral and religious character of its people, together with its freedom from temptation, make it an ideal place for a college student. The college town has taken on new life in recent years, paving streets, installing electric light plant and water works. The life of the village centers about the college. The patriotism and loyalty of the people may be judged from the fact that during the Civil War almost every home had a representative in the field, and from the further fact that no citizen born in the township has ever been arrested for crime. Over one hundred and fifty town and college boys are now in the service.

MATERIAL EQUIPMENT

Main Building

The present Main College Building was erected in 1899. The length is one hundred and twenty-four feet, the depth sixty feet. The building, three stories in height, is of red pressed brick. The first floor contains the Chemical and Biological Laboratories with storage and recitation rooms.

Year by year the Chemical Laboratories are being better equipped for high grade college work in General, Analytical, Organic, and Physical Chemistry. The General Chemistry room contains equipment for forty-eight students, each with his individual drawer locker and set of reagent bottles, water and gas. Nearby is the Analysis room equipped with lockers, hoods, water and gas supply for twenty-four students. Another room is used for Domestic Chemistry and Balance room. From two large store rooms, supplies of reagents, glassware, and apparati are issued to each student. Recitation rooms are sufficiently near to facilitate the best connection between Laboratory and Recitation.

Laboratory work in Geology is performed in the Biology Laboratory. From racks of topographic maps and folios in connection with the literature and field work the student finds plenty of material for a full year's work in Geology.

The Biological Laboratory is large and roomy, well lighted and ventilated, furnished with seven massive tables. There are eighteen high grade, compound miscroscopes, a good collection of microscopic slides, specimens, skeletons, and other needed apparatus for the best teaching of the various subjects. A new autoclave has been purchased; also a store room has been furnished and a large number of locker drawers for the use of the laboratory students. There is a high grade reflectoscope for both slides and opaque objects, with microscope attachment, for the department of Biology and Physics.

The main floor contains the Chapel, which has a seating capacity, including the rooms to the rear, of five hundred. A two manual pipe organ has been installed and is used for practice purposes and recitals.

Two large recitation rooms, together with the College Office, spacious halls, and three cloak rooms are on this floor. The east portion of the main floor is devoted to the Reading Room and Library.

The third floor is occupied by recitation rooms and the Literary Societies. The society halls are well furnished, and form attractive meeting places.

Recitation Hall

This building was erected in 1873 and for many years was used as the main college building. It has been remodeled and now contains seven large recitation rooms, furnished with university chairs, maps, charts, etc. In this building are the lavatories and a nicely furnished ladies' rest room. The first floor contains also the Physical Laboratory. It is exceptionally well lighted and is well arranged for the work. It is equipped with tables and apparatus for individual work by the students. There is also a large demonstration table for the convenience of the instructor. The laboratory is equipped with water, electricity—both alternating and direct current—distilled water, steam, etc. There is a complete line of apparatus in sets for use by the students in both the Academy and College Physics courses. Apparatus and equipment is also provided for the lecture demonstration work in Mechanics, Molecular Physics, Heat, Magnetism, Electricity, Sound and Light.

Alumni Gymnasium

The Gymnasium was erected in 1900 at a cost of $7,000. It is a substantial brick structure and has its own heating plant in the basement. The first floor contains the Physical Director's room, gentlemen's dressing and locker rooms, with toilet and shower baths, supplied with hot and cold water, and the exercise room and basket ball floor. It is equipped with apparatus necessary for the best development of the physical man. On the second floor are the galleries, the ladies' dressing room and the lavatory, with shower baths.

President's Manse

In 1906 an elegant manse for the president was erected on the west campus at a cost of $5,000. It is a twelve room house,

with all modern conveniences, splendidly adapted to its purpose as a social center for the college, and has one of the most commanding views in southern Ohio. The scenery in every direction is attractive to the eye.

Campus

The original campus of the College comprised only about one acre. In 1906 ten acres were added to the west side and in 1909 twelve acres more. In 1914 thirty-three acres additional were purchased, so that now the College has a campus of fifty-six acres, including a little valley with shaded nooks and flowing streams, furnishing a delightful place for rest and recreation. Six new tennis courts have been completed and a lake 1000 feet in length and from 150 to 300 feet in width furnishes splendid bathing, boating, and skating.

Athletic Field

The College has owned for a number of years one of the finest athletic fields in the state, with a diamond, gridiron and quarter mile track. A new athletic field on the new campus has been graded, with running track.

New Buildings

The rapid growth of the institution in the past few years and the consequent crowded condition of the present buildings made expansion necessary. The location of the new group of buildings is on the hill west of the old group and is most beautiful for situation. The plan shows eight buildings besides the central heating and lighting plant. These are the auditorium, the main college building, the library, two science halls, a gymnasium, and two dormitories. The auditorium and the central heating plant have been erected and furnished at a cost of $73,000.

Auditorium

The new auditorium was erected during the year 1912. The building is 150 feet in length and 60 feet in width. Its architecture is of the English cathedral type. The main floor has a seating capacity of 600 for daily chapel use, and with the balcony and the Y. M. C. A. room, will accomodate 1000 people. A Moller pipe organ, purchased by the students in attendance during the years 1911-1913 at a cost of $3,500, has been installed.

The Y. M. C. A. has its home on the main floor of this building in a well appointed room. The Y. W. C. A. is located on the basement floor, their room forming a parlor for the large social and banquet hall adjoining, which will accomodate five hundred people. Here all the social functions of the college are held. On this floor are also the cloak rooms and the kitchen, with serving room. The auditorium was erected at a cost of $45,000, including furnishings.

Heating and Lighting Plant

This building has been erected for the purpose of taking care of the present buildings as well as those of the new group. The building is 56 by 68 feet. It is erected of dark Ironspot brick in harmony with the auditorium and with the future buildings to be erected. The interior is of gray brick. The stack is 130 feet in height and is also built of Ironspot brick. The boiler room provides for four boilers with capacity of 160 h. p. each. They are of the fire tube return type. The vacuum heating system is used. Provision is made for the storage of three hundred tons of coal. There is a commodious engine room with one direct connected direct-current generating unit, consisting of a 50 h. p. engine and a 40 kw. generator which furnishes light for all the buildings and current for the different motors and laboratories. Provision is made for the installation of the second unit when additional buildings require it. The boiler feed and vacuum pumps, together with feed water heaters, are also in this room. Steam is conducted to the different buildings through underground conduits. The auditorium is provided with direct radiation, also the ventilation system for heating, having the thermostatic control, being operated with an electric fan, which makes it possible to change the air in the building in three minutes. The cost of the plant was $28,000.

Administration Building

A fund of five hundred thousand dollars is now being raised for additional buildings and endowment. Two hundred and fifty thousand dollars will be invested in new buildings. The first of these to be erected will be the Administration Building. It was the intention to let the contract for this building May 1st, 1917, but owing to the declaration of war and the unusually high price of building material and labor, it was deemed best to wait .

awhile. With ordinary prices, this building is to cost one hundred thousand dollars. It will contain the executive offices, eighteen recitation rooms, four literary society halls, a young women's rest room, besides various rooms in the basement. This building is to occupy the center of the campus immediately west of the Auditorium. When erected, it is the purpose to make it one of the best appointed Administration Buildings in Ohio. It is the earnest hope of the administration that the situation may be such that this building may be under course of construction during the present year. The money is now in hand for its erection.

Library

The college library occupies the east room of the main building. It contains about 7500 bound volumes, some of which are bound periodicals, and encyclopedias of history, agriculture, education, literature and music.

In the reading room are ninety current periodicals and newspapers and a corner of reference books on Biblical and Missionary topics.

The library is open to all students who will comply with library rules, both as a reference and as a circulating library.

The hours on school days will be from 8:00 to 11:00 A. M., 12:30 to 5:00 P. M., and 6:00 to 8:30 in the evenings except Friday evenings, and on Saturday from 9:00 to 11:30 A. M. and from 12:30 to 4:00 P. M.

The librarian in charge will be glad to show new students over the library and to help all students look up material for debates, themes and class room work.

The Museum

Muskingum College should have had a valuable Museum at this stage of her history, considering her age and her widely scattered and influential alumni, some of whom have obtained distinction as Archaeologists and Egyptologists. No special effort has been made in this direction. But the time has come for advance. There is a good nucleus already. Recently Miss Josephine Martin of Sialkot, India, Dr. J. H. Martin of Zaferwal, India, and the late Dr. J. O. Ashenhurst have made valuable donations.

The College will very much appreciate any gift that its friends may make to the Museum.

LECTURE COURSE

The College maintains a high grade Lecture Course each year. Students are thus enabled to hear the really great lecturers of the country, and the leading musicians and readers. Besides this course, the Conservatory and School of Expression bring some of the leading artists for special recitals. Talent already secured for the year includes Dr. Gunsaulus, Strickland Gilliland, Leland Powers, the Tschaikowsky Quartet, and the Montague Male Quartet.

GYMNASIUM

It is a recognized fact that physical training, under competent supervision, is essential to sound scholarship. For this reason a progressive course in systematic and rational physical training is given, covering a minimum of two hours per week in the Freshman and Sophomore years, for which four credits are allowed. At the opening of the college year, a careful physical examination is made of each student by the college physician, who keeps an accurate record and gives advice to assist the individual student in acquiring and maintaining a healthy body. This work is under the supervision of competent physical directors who keep the record and report all unexcused absences to the faculty.

The gymnasium work is open to the Junior and Seniors of the college and may be required of the Junior and Senior Academy students.

During the period of the war military training has been required of all young men.

GOVERNMENT

There are no traditions so persistent as those of a College campus. These inherent ideals of college life, the campus "atmosphere," act with almost irrestible force on all newcomers who are exposed to their influence at a peculiarly susceptible age. The chief treasure of Muskingum, more valuable than rich endowments or costly buildings, is the character of her student body and the traditions of honor, morality, and religion which pervade the life of her campus.

The aim is to govern as little as possible, yet as much as is needed. The students are taught, encouraged and assisted in

self-government. Discipline always looks toward the strengthening of the student's self-respect and sense of personal responsibility. The cases where this method fails are rare.

Whenever a student is known to be unfit to remain in college he will be dismissed.

The statutes of the Board expressly forbid profanity, card playing, and the use of intoxicating liquors. The use of tobacco has long been forbidden on the college premises, and has been discouraged and disapproved everywhere. No student using cigarettes will be permitted to continue in college.

SABBATH AND CHAPEL SERVICE

Once a month the President preaches to the student body in the College Chapel. Attendance upon this service and also upon the daily chapel exercises is required of every student. Five unexcused chapel cuts result in the loss of one college credit. Absence from monthly chapel counts as four chapel cuts. The students are also required regularly to attend the services of the church of their choice upon the Sabbath. The institution is pervaded by a religious atmosphere and very few of the students remain outside of church membership.

The aim of Muskingum College is to make men, and its ideal man is one who possesses not only a thoroughly trained mind, and supple and vigorous body, but also a spiritual vision, a trained conscience, and a disciplined will.

ROOM AND BOARD

Students room in private homes and for the most part board in clubs. It is usually best to defer the choice of room until personal selection can be made. A list of available rooms, with prices, is posted in the College office. A large committee of the Young Men's and Young Women's Christian Association looks after the welfare of the new students, and assists them in securing rooms, boarding clubs, etc. Special attention is given to the young ladies in order that they may have the special care and oversight of ladies who will make their surroundings homelike. A Dean of Women is charged with their oversight.

CONTEST PRIZES

Friends of the College have made provision for the following prizes in Oratory, Debate, Bible Reading and Declamation:

I. *The Brown Prizes*—For several years Mr. J. M. Brown of Wheeling, W. Va., a member of the Board of Trustees, and a staunch friend of the college, has given $60.00 in prizes for efficiency in oratory. There are four prizes, two each for ladies and gentlemen, of $20.00 and $10.00 respectively.

II. *The Weaver Bible Prizes*—Mr. J. Riddle Weaver of Canonsburg, Pa., has endowed the Bible Reading Prizes in memory of his wife, Mrs. Myra Law Weaver, and his daughter, Miss Mysie Giffin Weaver. The object of these prizes is to encourage students to cultivate the ability to read effectively the Word of God. The contest is held in April each year. The prizes are three, $7.00, $5.00, $3.00.

III. *The Weaver Declamation Prizes*—Mr. Weaver has also endowed in memory of his wife and daughter the Declamation Contest which is held each year during the month of May. The prizes are $7.00, $5.00, $3.00. Through this endowment Mr. Weaver has set a worthy example for others to follow and has enshrined in the grateful memory of multitudes his sainted dead.

These generous friends of the College and of Christian education are doing more than they realize, as they in this way are helping to stimulate young men and women to their best efforts.

STUDENT AID

ENDOWED SCHOLARSHIPS

Hon. William Jennings Bryan has established a Loan Scholarship in Muskingum College from the Philo Sherman Bennett Fund, of which he is a trustee. This scholarship is loaned annually without interest, to worthy, poor young men for a term of years. As the loans are paid they are added to the principal of the Scholarship.

ROTARY SCHOLARSHIPS

The College would earnestly commend to the friends of education its Rotary Scholarship plan for the aiding of worthy young men and women in straightened circumstances who are seeking to secure an education.

Briefly outlined the plan is as follows: Individuals or congregations will be given a scholarship on the payment of $50.00 a year for five years, to the Treasurer of the college, Prof. L. J. Graham, New Concord, Ohio. The donor, or if a congregation, the session, will have the privilege of choosing some poor but deserving young man or woman who could not otherwise attend college who will be designated as the beneficiary of this scholarship. The one consideration in the choice of the beneficiary that will be insisted upon by the College is that he must be unable to attend college without this help and must give evidence of being worthy of such aid. If there should be a number of such young people in a congregation owning a scholarship, the session may make choice by competitive examination, questions for which will be furnished by the faculty. Should the individual donor or the session of the congregation have no person available, the faculty will designate a beneficiary from the numerous applicants which are yearly before them. Full information regarding such scholarships will be furnished on application.

The First U. P. Church, Wheeling, W. Va., has the honor of having established the first of these scholarships. Mrs. Fred Sebring and two daughters have established four scholarships.

A warm friend and supporter of the College furnishes ten of these scholarships each year for worthy young men in need of help who are studying for the ministry, and for young women preparing for the mission field.

Mr. Samuel B. Stewart of Edgewood Park, Pa., has also established the Paul English Rotary Scholarship in memory of Paul English of Wilkinsburg, Pa., who was a student in Muskingum when called to his reward.

In no more practical way can individuals or congregations aid worthy young men and women to secure an education than by establishing one or more of these Rotary Scholarships.

BUREAU OF SELF-HELP

A bureau of self-help has been established for the purpose of assisting young men and women who are working their way. Through this agency a limited number of young people are enabled to do something toward making their own way in college. This work is in the hands of a committee of the Y. M. C. A.

STUDENT ORGANIZATIONS

HONOR SYSTEM

Some years ago the student body took the initiative in the matter of the honor system in examinations. Their action was approved by the faculty and all written work in the class room, as well as the regular examinations, is conducted under this system. Each student writes and signs the following pledge upon his paper before handing it in:

"I pledge my honor that I have neither received nor given aid during this examination."

A student council consisting of representatives from the different classes is organized, to which any violation of honor is to be reported for their action, subject to the approval of the Faculty.

RELIGIOUS SOCIETIES

Various organizations for the promotion of general religious culture and activity and for the increase of missionary intelligence and zeal are open to all the students. The Young Men's Christian Association and the Young Women's Association hold meetings every week for conference and prayer. Under their direction voluntary classes are formed for Bible and Mission study and methods of work. A voluntary Mission Band holds regular meetings for the purpose of developing the missionary spirit among the students.

Gospel teams are sent out by the young men of the Christian Associations from time to time during the year and do efficient work in school houses, rural villages, and nearby cities.

LITERARY SOCIETIES

Excellent opportunities for literary improvement and parliamentary training are afforded by the societies of the College. There are four—the Aretean and Erodelphian, sustained by the young women, the Union Literary and the Philomathean, sustained by the young men. These societies do excellent work, a work justly regarded on all hands as of great importance. Every student is expected to join one of these. The work of the literary societies is under the direction of the Professor of Oratory.

INTER-SOCIETY CONTEST

One of the most interesting events of the college year is the annual contest between the Philo and Union Literary Societies. The classes represented are Debate, Declamation, Extempore Speaking, and Essay.

ORATORICAL ASSOCIATION

Muskingum College is a member of the Inter-State Oratorical Association, of the Tri-State Inter-Collegiate Association, and of the Prohibition Inter-Collegiate League. Through these associations she contests with the leading educational institutions of thirteen states.

The local association is organized for the purpose of promoting Oratory and Argumentation and has charge of the preliminary contest for the choice of representatives in the Inter-Collegiate meets.

INTER-COLLEGIATE DEBATES

Muskingum Collge is attaining high rank among the colleges of Ohio in Argumentation. During the past nine years twenty-seven Inter-Collegiate debates have been won by Muskingum. Two teams represented the college during the past year, winning both sides of the question.

TAU KAPPA ALPHA

Muskingum College was honored during the year 1911 by having established the first sub-chapter in Ohio of Tau Kappa Alpha, the National Fraternity of Honor Men in Oratory and Debate. The membership in the local chapter will be limited to those winning first honors in Inter-Collegiate contests. This is the highest honor given in Oratory and Debate in Muskingum. The gold key of the fraternity has a national significance and the fraternity numbers among its members such men as W. J. Bryan, Senator Beveridge, Governor Buchtel, and others.

This fraternity is purely honorary and has nothing at all in common with college secret fraternities.

PUBLICATIONS

The Muskingum College Bulletin is published bi-monthly during the year and furnishes much interesting and useful in-

formation relative to the college and its work. As many as twenty thousand copies of some issues are mailed to a select list. The June number each year is the catalog edition.

The Black and Magenta is published under the auspices of the faculty and students. In May, 1914, the publication was changed from a monthly to a weekly paper, and thirty-three issues are published annually. This publication furnishes the students a splendid opportunity for cultivating a literary taste, and gives them practice in news gathering, editing, proof reading, advertising, and other features of newspaper work. The subscription price of the weekly publication is $1.25.

The College Annual, *THE MUSCOLJUAN,* is published by the Junior Class in May each year. *The Muscoljuan* is a well-bound volume containing about 200 pages of reading matter and cuts of the different classes and organizations. The price of the book is $2.00 per copy.

ATHLETICS

Students physically able may enter into any two of the College Athletics during the year. Credit for football is given to those who participate in the daily practice and drill in the rudiments of the game. This credit requires an examination on the rules and fundamentals of the game. Besides football, the College has teams in Basket Ball and Base Ball, Tennis and Track The athletics are governed by a student athletic association and a committee of the faculty. Each team has its separate student manager. An athletic fee is collected from each student. This admits him to regular gymnasium classes, the use of the gymnasium for games, baths and floor work at such hours and under such conditions as may be prescribed by the director and entitles him to the equipment that is furnished by the College when he becomes a representative of the College team. Participants in the various field games must have a passing grade in all their studies and carry at least twelve hours' work.

COLLEGE EXPENSES

TUITION AND FEES

Tuition, per semester of 18 weeks.....$30.00

The above amount is charged when the student takes at least twelve and no more than sixteen hours of work per week. Schedules for less than twelve hours are pro-rated.

Tuition, in excess of 16 hours, for each added hour.....$2.00

Incidental, Library, and Athletic Fee, per semester..... 5.00

Graduation Fee, payable with tuition, second semester of senior year 5.00

Fees for College Courses

Agriculture 1.00
Deposit for course in Agriculture..... 1.00
Biology, courses 1-7, per semester..... 2.00
Breakage Deposit for each Biology course 1.00
Chemistry, courses 1 and 2, per semester..... 5.00
Chemistry, courses 3-7, 9-10, per semester..... 6.00
Breakage Deposit for each Chemistry course..... 1.50
Home Economics, courses 5 and 6, per semester..... 5.00
Home Economics, courses 7 and 8, per semester..... 3.00
Physics, courses 1 and 2, per semester..... 2.50

The rules of the Board require that no student shall be enrolled until his tuition and fees for the semester are paid.

No student will be registered for less than twelve hours work without the written permission of his parents.

No student will be received ordinarily for less than half a semester nor will any student ever be excused, for any reason whatever, from paying one-half of the tuition of any semester in which he is enrolled.

When absence is caused by protracted illness, or anything else purely providential, a proper reduction will be made, unless the student retains his standing in class. In such case no reduction will be made for any reason.

Children of ministers of any denomination are required to pay but half the tuition in the Academy and College Courses.

No reduction is made for them in the Summer School, Special Departments, or College Fees.

Students enrolled in the Conservatory of Music, School of Expression, or School of Art, for two private lessons or more, will be allowed to take one College study without extra tuition. Tuition schedules will be found under these headings.

The Incidental, Library, and Athletic Fee entitles the student to the privileges of the library and gymnasium, tickets to the College Lecture Course, and to all athletic games and oratorical contests. No student enrolled in any department is exempt from this fee.

ESTIMATED NECESSARY EXPENSES

Tuition and I. L. A. fee for the year—36 weeks	$ 70.00
Furnished room with heat and light	42.00
Boarding	110.00
Books	18.00
Total	$240.00

TO PARENTS

College fees for each semester are payable on entrance. Should this be impracticable, parents should write to the Treasurer, Prof. L. J. Graham, or the President, concerning special arrangements. It is better that money intended for college fees should be brought by the student in check or draft payable to the Treasurer of Muskingum College, which the student should carry to the Treasurer as soon as possible. Parents should not allow their sons to buy on credit, nor run open accounts at stores, nor borrow money from their fellow students.

For many reasons the President should be notified beforehand of the intended matriculation of new students. Not only the President but each of the professors, will do all in his power to assist new students in finding desirable and congenial roommates, and a new student should feel no hesitation whatever in asking such advice and assistance.

ENTRANCE REQUIREMENTS

ADMISSION TO FRESHMAN STANDING

The usual method of admission is by certificate. Proper certification merely admits a student without examination. But continuance in any course is based on fitness. Any student failing upon trial to meet the requirements of a course will be remanded to such course as he may be fitted for and required to make up his deficiences without credit. He will retain, however, the credit given him by his original certificate.

For full Freshman Standing fifteen units of recognized preparatory work must be presented.

For the Classical Course the candidate should present entrance units distributed as follows: English 3, Mathematics 3, Latin 4, History 1, Science 1, Electives 3.

For the Scientific Course the candidate should present English 3, Mathematics 3, Foreign Language 4, History 1, Science 2, Electives 2.

For the Science in Education Course the candidate should present the same distribution of units as for the Scientific Course.

When the fifteen units presented do not include all the studies required as preparatory work, such studies may be taken in the Academy as electives for college credit at the rate of three semester hours credit for each half unit of preparatory work.

Any student having 13 units properly distributed among the groups may be admitted to the Freshman class, conditioned in the two remaining units. These conditions must be removed by the end of the Sophomore year. The Summer Term offers an excellent opportunity to make up deficiencies. Those entering from recognized high schools should present certificates from the high school authorities, showing in detail the work offered as entrance requirements.

Applicants coming from other institutions should bring a certificate of standing and of honorable dismissal.

Graduates from the Academy pass without examination to the corresponding course of the Freshman class in College.

Students who are not candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the faculty of ability to pursue profitably the studies elected.

ADMISSION TO ADVANCED STANDING

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to proper adjustment. Every such applicant is required to present, along with a catalog of the institution in which he has studied, a detailed statement, duly certified, of all the studies he has completed, including the entrance studies for which he has credit.

SPECIAL COLLEGE STUDENTS

The effort is to have each student in the College become a candidate for some degree and take a regular course. For various reasons some students may be unable to take the full College course. These are enrolled as Special College students. To this list are elgible those who, in addition to their work in the Conservatory, School of Expression, or School of Art, desire to carry some College work; also those who are pursuing special studies. Special College students may become candidates for a degree upon a vote of the faculty. Upon application such students will be given credit for the amount of work accomplished.

BACCALAUREATE DEGREES

Three baccalaureate degrees are conferred in course: Bachelor of Arts (B. A.), Bachelor of Science (B. S.), and Bachelor of Science in Education (B. S. in Ed.). These are granted to candidates who have met the Requirements for Admission, and have fulfilled the Requirements for the Baccalaureate Degree. No second baccalaureate degree will be granted without an additional year of residence study.

REQUIREMENTS FOR THE BACCALAUREATE DEGREE

GROUP DISTRIBUTION

The subjects offered in the College are classified in four general groups:

Group I.

English.
French.
German.
Greek.
Latin.
Spanish.

Group II.

Economics and Sociology.
Education.
English Bible.
History.
Oratory.
Philosophy.

Group III.

Biology.
Chemistry.
Geology.
Home Economics.
Mathematics and Astronomy.
Physics.

Group IV.

Music.
Physical Education.

For further description of the Courses of Study, see the statements of the several departments.

CREDIT HOURS

The credit assigned to a course is expressed in hours, an hour of credit being given for the satisfactory completion of work requiring one class exercise a week for one semester, or an

equivalent. Thus a student taking sixteen hours a week of college work throughout a semester receives sixteen hours of credit.

REQUIREMENTS FOR GRADUATION

The requirement for graduation is one hundred and twenty-eight (128) hours of college work, (which is the equivalent of sixteen class exercises a week for four years), and must include the specific subjects prescribed for the degree chosen, as outlined below. Beginning with the class of 1921, not over forty (40) hours of grade D will be accepted for graduation. At least the Senior year must be spent in residence. Each graduate is further required to present a thesis as described under English (17).

CLASSIFICATION

The class to which the student is assigned depends upon the number of hours of credit as shown on the books of the Registrar at the opening of the college year. Those meeting the Requirements for Admission and those having conditions in two units or less are classified as Freshmen. The requirements in hours of credit for the other classes are as follows:

Class	Minimum	Full
Sophomore	24	32
Junior	56	64
Senior	88	96
Graduation	..	128

No student may change his course of study without the permission of the Committee on Classification.

AMOUNT OF WORK

The regular work required of each student amounts to sixteen hours of recitation each week, exclusive of physical education. No student in the College of Liberal Arts may register for more than sixteen credit hours of work unless he receives a grade of A in one-half of the work of the preceding semester, and no grade lower than C in the remainder. By an hour is meant one recitation a week throughout the semester; three hours of laboratory work a week may be required for one credit. In general, a student may expect to spend three hours of time (including the class hour) for one hour of credit.

PRESCRIBED COURSES

In order to secure to the student breadth of culture and to insure his acquaintance with the main divisions of modern scholarship, certain general lines of study are prescribed in the several Groups. For the degree of Bachelor of Arts a differentiation is made in language requirements as noted below in the second explanatory paragraph of Group I; for the degree of Bachelor of Science special requirements are made in science and mathematics as specified in the second explanatory paragraph of Group III; and for the degree of Bachelor of Science in Education the prescribed work is indicated in the third explanatory paragraph of Group II.

Group I.

English ..... 11 hours

Total..... 11 hours

1. No credit will be given for less than one year of beginning language.

2. Candidates for the degree of Bachelor of Arts must present a minimum of twenty-four hours of credit in foreign language, of which twelve must be Greek.

3. Candidates for the degree of Bachelor of Science who present two years of modern language at entrance must take one additional year of the same in college. Those who present none must take two years.

Group II.

English Bible ..... 8 hours
Philosophy ..... 6 hours
Social Science, History, Oratory.... 12 hours

Total..... 26 hours

1. All students must present three hours of Ethics in part satisfaction of the requirement in Philosophy.

2. In Social Science (Government, Economics, Sociology), History, and Oratory, each student must take twelve hours, not over nine of which may be in any one of these departments.

3. Candidates for the degree of Bachelor of Science in Education must present the requirements for this degree as outlined under Requirements Arranged by Years, For the B. S. in Education.

Group III.

1. Candidates for the degree of Bachelor of Arts must present six hours of Science or Mathematics.

2. Candidates for the degree of Bachelor of Science must present thirty-four hours of Science and Mathematics, of which twenty-four must be Science and six Mathematics. The work in Science must be distributed in at least two departments.

3. Candidates for the degree of Bachelor of Science in Education must present six hours of Science or Mathematics.

Group IV.

1. All Freshmen and Sophomores are required to take two hours a week of Physical Education. This work will be entered as credit to the student upon the books of the Registrar, but will not be counted as credit toward a degree.

ELECTIVE COURSES

To complete the one hundred and twenty-eight hours, the student may choose any elective for which he is able to furnish the necessary prerequisities, except Football, Band, and Chorus, which may be entered as credit to the student upon the books of the Registrar but will not be counted as credit toward a degree.

REQUIREMENTS ARRANGED BY YEARS

The table of prescribed courses is shown below arranged by years. These courses must be taken in the years indicated, as this is not only the logical order, but will prevent the occurrence of many unforseen conflicts of schedule. Moreover, early completion of the prescribed courses gives the student larger freedom for elective studies in the later years, when reasons for choice are likely to be more clear. If a student is not prepared to do the college work in the department specified, he should begin at once to do the prerequisite work in the Academy. When a student has elected a double-semester course, he may not change this course at the beginning of the second semester without the consent of the department concerned. The student is advised, in electing a single-semester course for the first semester, to plan for the balancing course in the second semester.

FOR THE A. B. DEGREE

Freshman Year

Greek, 1-2 ..... 3 hours
English, 1-2 ..... 3 hours
Physical Education ..... Required
Elective ..... 3 courses

1. The student must elect one course from Latin, French, German, or Spanish, throughout the year, unless he intends to take twenty-four hours of Greek.

2. The student must take four hours of Bible before the end of the Sophomore year, in the Freshman year if possible.

3. The student may take one course in Mathematics (1-2), or Science (Biology 1-2, Chemistry 1-2, Physics 3-4).

4. The student must elect the remainder of his work from History, Social Science, or Oratory.

Sophomore Year

Greek, 3-4 ..... 3 hours
Physical Education ..... Required
Elective ..... 4 courses

1. The student should complete the twenty-four hour minimum language requirement, unless he intends to take more than twelve hours (i.e. a third year) of Greek.

2. The student must complete the English requirement. except the work in Senior Thesis.

3. The student must have had four hours of Bible by the end of the Sophomore year.

4. The student is advised to take General Psychology (1), if there is a probability of his desiring the thirty hours of educational work, because this course is prerequisite to all other work in Education.

5. The student who has not completed the requirement in Mathematics or Science should complete that work during this year.

6. The student must elect the remainder of his work from History, Social Science, or Oratory, remembering to fulfill the conditions under Group II, paragraph 2 above.

Junior and Senior Years

By the beginning of the Junior year all required courses, except Bible, Ethics, Senior Thesis, and possibly Greek, should

have been completed. The Junior and Senior years will thus be almost entirely elective, the courses chosen being determined only by prerequisites.

The special attention of those interested in teaching is called to the work in Education, for all of which the General Psychology (1) of the Sophomore year is prerequisite. Students who intend to take the thirty hours of Education must take the subjects as they come in the Junior and Senior years. Such students are further advised to note carefully the special requirements for those who may be recommended as teachers.

FOR THE B. S. DEGREE

Freshman Year

English, 1-2 ..... 3 hours
Mathematics, 1-2 ..... 3 hours
Modern Language ..... 3 or 4 hours
Physical Education ..... Required
Elective ..... 2 courses

1. The student must elect one course from Science (Biology 1-2, Chemistery 1-2) throughout the year.

2. The student must take four hours of Bible before the end of the Sophomore year, in the Freshman year if possible.

3. The student must elect the remainder of his work from History, Social Science, or Oratory.

Sophomore Year

Physical Education ..... Required
Elective ..... 5 courses

1. The student should take a second year of foreign language if he presented none at entrance.

2. The student must complete the English requirement, except the work in Senior Thesis.

3. The student must have had four hours of Bible by the end of the Sophomore year.

4. The student is advised to take General Psychology (1), if there is a probability of his desiring the thirty hours of educational work, because this course is prerequisite to all other work in Education.

5. The student should complete the twelve-hour requirement in the Group, History, Social Science, Oratory.

6. The student should take the remaining work in Science, subject to prerequisites already established.

Junior and Senior Years

For the Junior and Senior years, the regulations are the same as for these years under the degree of Bachelor of Arts, with the substitution of Science for Greek.

FOR THE B. S. IN EDUCATION

Freshman and Sophomore Years

The requirements for this degree are the same as for the degree of Bachelor of Arts in the Freshman and Sophomore years, except that no foreign language is required, and that General Psychology (1) and Educational Psychology (2) must be taken in the Sophomore year. With regard to his electives, the student should decide in which of the Groups he will likely teach, and elect at least one course in that Group in his Freshman year. By the beginning of the Sophomore year, the student will make choice of subjects, not to exceed two, which he expects to teach, and then confine his choice of electives to these subjects or to those closely related.

Junior and Senior Years

The requirements, professional and others, in Junior and Senior years, for this degree are as follows:

Junior Year

First Semester		Second Semester	
History of Education, 5	3	History of Education, 6	3
		Principles of Education, 7	3

Senior Year

First Semester	Hours	Second Semester	Hours
Ethics, 6	3	Social Principles of Education, 8	3
High School Methods, General, 9	3	School Organization and Law, 10	3
Observation and Practice Teaching, 12	1½	Observation and Practice Teaching, 12	1½
High School Methods, Special, 11	1	High School Methods, Special, 11	1

Students must complete the Bible requirement in the Junior and Senior years.

The electives for this degree, in the Junior and Senior years, are conditioned only upon prerequisites, and upon the student's care to meet all the requirements of this degree not satisfied by previous work.

REGISTRATION

At the opening of each semester the name and course of each student are enrolled by the Registrar. The registration must be attended to not later than the opening day of each semester, and failure to comply with this requirement will debar the student from reciting in any class. No student will be enrolled in any class until his bills have been paid. His registration card must be signed by the President and the Treasurer as evidence of this. For each registration card issued after the first day of each semester an extra fee of one dollar will be required.

Registration for the second semester will be on such days before the close of the preceding semester as are designated by the faculty. Students failing to register at the appointed time will be required to pay a fee of one dollar.

ATTENDANCE

The fallacy, as widely current as it is mischievous, that no harm is done by entering a few days late, has in innumerable instances proved fatal to a student's success. Absence from class entails intellectual loss that can only be made up by special work. Punctual attendance then is expected on the opening day of each semester. Unless satisfactory excuse be offered for these absences, they will count against the student the same as other unexcused absences.

Any student having five absences during a semester in any one college subject shall receive one hour less credit than is regularly given for that subject, and in addition his term grade shall be discounted two per cent. for each absence.

EXAMINATIONS

Examinations are held at the close of each semester. Any student whose class grade falls below 70 in any subject will be required to take a special review in that branch before being ad-

mitted to final examination. No student who omits a required examination in any branch at the appointed time will receive a grade in the study or be regarded as having completed it until the examination is taken. In any such case the student must present his reason for absence unless he has obtained previous permission to postpone his examination. If the reasons are satisfactory, written permission will be given to have a special examination. This permission, together with the receipt of the Treasurer for a fee of one dollar, must be presented to the professor, and the examination will be given. Where absence at the time of the class examination is caused by sickness, no fee will be charged.

As soon as possible after the close of each semester, a report of the grades of each student in all studies will be sent to the parent or to the guardian, to whose careful consideration all reports are earnestly recommended. It is requested that the Registrar be promptly notified of any failure to receive such reports. In these reports, A represents a grade from 96 to 100; B, from 90 to 95; C, from 80 to 89; D, from 70 to 79; E, conditional; F, failure.

HONORS IN SCHOLARSHIP

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the commencement program.

Two classes of honors designated respectively as honor, *cum laude,* and high honor, *magna cum laude,* are conferred at graduation upon students who satisfy the following conditions of scholarship:

Honors in general scholarship are awarded those students who have attained a grade of A in 64 hours; a grade of B in 32 hours, and have no lower grade than C in the total required for graduation. Upper classmen from other institutions who attend Muskingum two years are elgible for this honor class.

High honors are awarded those students who have attained a grade of A in 96 hours of the total required for graduation. and no lower grade than B in the remainder.

AFFILIATED COURSES WITH OHIO STATE UNIVERSITY

THE FIVE-YEAR ARTS-AGRICULTURE COURSE

In 1914 the College of Agriculture of Ohio State University and Muskingum College adopted a five-year combined Arts-Agriculture course. At the end of the fourth year in this course, Muskingum College gives the degree of Bachelor of Science; and at the end of the fifth year, Ohio State University gives the degree of Bachelor of Science in Agriculture. The outline of this course as adopted by the two institutions is as follows:

THE THREE YEARS REQUIRED WORK AT MUSKINGUM COLLEGE

Freshman Year

English, 1-2 ..... 3 hours
Mathematics, 1 and 2 ..... 3 hours
Modern Language ..... 3 or 4 hours
Biology, 1-2 ..... 3 hours
History ..... 3 hours

Sophomore Year

English ..... 2 or 3 hours
Chemistry, 1-2 ..... 4 hours
Mechanical Drawing, 8-9 ..... 3 hours
Economics, 1-2 ..... 3 hours
Modern Language or Botany ..... 3 or 4 hours

Junior Year

Physics, 1-2 ..... 4 hours
Geology, 1-2 ..... 3 hours
Philosophy (including Ethics) ..... 3 hours
Elective ..... 5 hours

If Botany was not taken in the Sophomore year, it must be elected in the Junior year.

The student must take at least six hours of Bible before the end of the Junior year, four of which must be completed at the end of the Sophomore year.

THE TWO YEARS REQUIRED WORK AT OHIO STATE UNIVERSITY—(Quoted from Ohio State Catalogue)

Senior Year

Animal Husbandry....4 hours
Agricultural Chemistry .....4 hours
Rural Economics.....4 hours
Farm Crops .....4 hours

Choice of any two of these subjects throughout the fourth year, the remaining two the fifth year.

In addition to the two subjects elected, ten hours a semester to be selected with approval of adviser.

Post Senior Year

Two subjects of the four mentioned in the senior year (eight hours a semester) and ten hours throughout the year, from any of the courses related to the previous year's work in the College of Agriculture.

THE FOUR-YEAR COURSES

For students who do not feel that they can spend five years in securing degrees from both institutions as stated above, arrangements have been made with Ohio State University whereby students in Agriculture or Home Economics may take two years at Muskingum College and complete the course in two years at Ohio State University.

IN AGRICULTURE

A student who has received college credit for the sixty-eight hours work outlined below would be able to complete the work for the degree of Bachelor of Science in Agriculture at the University within two years, as he would have then to complete only sixty-eight semester hours of the more technical work of the course for that degree.

Chemistry, 1-2 .....8 hours
Biology, 1-2 .....6 hours
English, 1-2 .....6 hours
Geology, 1-2 .....6 hours
Botany, 5-6 .....8 hours
Mathematics and Physics .....6 hours
Modern Language .....8 hours
American History or Economics .....6 hours
Other College Work .....14 hours

IN HOME ECONOMICE.

In order to complete the required work for the degree of Bachelor of Science in Home Economics within two years at the University, the student should have college credit from Muskingum for at least sixty-eight hours of work, including the following subjects:

Chemistry, 1-2 ..... 8 hours
Organic Chemistry, 7 ..... 5 hours
Biology, 1-2, or Botany, 5-6 ..... 6 or 8 hours
Modern Language ..... 16 hours
Phychology, 3-4 ..... 6 hours
Economics, 1-2 ..... 6 hours
English, 1-2 ..... 6 hours
Other College work ..... 11 or 13 hours

COLLEGE NORMAL COURSE FOR ELEMENTARY TEACHERS

This course offers two years of college work for elementtary teachers, who are graduates of a first grade high school, or the equivalent. The completion of the first year's work in this course merits a county certificate without examination. The Normal Diploma, given for the completion of the two years work, merits a state certificate to teach in the elementary schools of Ohio.

The College courses of study that are taken for this certificate are described in the several Departments, under the numbers given below with the several courses. The work of the course, in outline, is as follows:

Required for the First Year

First Semester		Second Semester	
Psychology, 13	3	Methods in English, 19	3
Principles of Teaching, 14	3	Teachers' Agriculture, 10-11	3
School Management, 15	2	Teaching of Geography, 20	2
English, 1	3	Arithmetic and Methods, 21	3
History of Methods, 18	3	Reading, 22	3
School Music	2	Drawing	1
Drawing	1	Practice Teaching, 17	1
Observation of Teaching, 17	1	Bible, 2	2
Physical Education		Physical Education	
	18		18

Required for the Second Year

First Semester		Second Semester	
History of Ele. Edu., 16	3	School Organization, 10	3
General Psychology, 1	3	English, 2	3
Observation of Teaching, 17	1	Practice Teaching, 17	1
Bible, 1	2	Physical Education	
Physical Education		Electives	9
Electives	7		
	16		16

Electives for the Second Year

First Semester	Hours	Second Semester	Hours
History of Education, 5	3	History of Education, 6	3
General Biology, 1	4	General Biology, 2	4
Principles of Economics, 1	3	Principles of Economics, 2	3
Principles of Sociology, 1	3	Principles of Sociology, 2	3
American History, 4	3	American History, 5	3
Home Economics, 3-4, 7-8	1 or 2	Genetic Psychology, 3	3
Survey of English Literature, 4	3	Survey of English Literature, 5	3
Foreign Language	4	Foreign Language	4
Mathematics, 1	3	Mathematics, 2	3

STATEMENTS OF DEPARTMENTS

AGRICULTURE—(See Biology)

ASTRONOMY—(See Mathematics)

DEPARTMENT OF ENGLISH BIBLE

Professor G. B. McCreary

The aim is to impart by means of approved modern methods such knowledge of Biblical history and literature as will render the student more thoroughly appreciative in all his subsequent handling of the Scriptures, and more emphatic in his testimony concerning their divine origin and permanent worth.

The conduct of the work is conservative in tone and constructive in procedure.

1. OLD TESTAMENT HISTORY.

Required *First Semester* *2 hours*

A general survey of the history of the Hebrew people from the beginning to the close of the Old Testament. Emphasis is laid upon social institutions and ideals in their origin and development.

2. THE LIFE OF CHRIST.

Required *Second Semester* *2 hours*

The events in the life of Christ are studied as a historical progression and in their relation to Christian doctrine and the establishment of the church.

3. OLD TESTAMENT POETRY.

Prerequisite 1 *First Semester* *2 hours*

Selections from the Psalms and other poetical sections constitute the material of this course. Not offered in 1918-19.

4. THE WISDOM LITERATURE AND THE BOOK OF JOB.

Prerequisites, 1 *and* 3 *Second Semester* *2 hours*

Not offered in 1918-19.

5. OLD TESTAMENT PROPHECY.

Prerequisite, 1 *First Semester* *2 hours*

6. THE SOCIAL TEACHINGS OF JESUS.

Prerequisite, 2 *Second Semester* *2 hours*

7. THE PLANTING OF THE CHURCH.

Junior or Senior Required *First Semester* *2 hours*
Prerequisites, 1 and 2

A study of the establishment of the church as recorded in the Acts and epistles.

8. EPISTOLARY LITERATURE.

Junior or Senior Elective *Second Semester* *2 hours.*
Prerequisite 7

9. ETHICS OF THE NEW TESTAMENT.

Junior and Senior Elective *First Semester* *2 hours*

Not offered in 1918-19.

10. BIBLE SCHOOL PEDAGOGICS.

General Elective *Second Semester* *2 hours*

The current International Sunday School lessons constitute the laboratory material. Each member of the class is expected to teach a Bible School class and to report on the work done.

11. CHRISTIAN MISSIONS.

General Elective *First Semester* *2 hours*

A historical study of the development, progress, methods, and present status of the missionary movement.

12. THE EVIDENCES OF CHRISTIANITY.

Senior *First Semester* *2 hours*

The description of this course is given under "Philosophy," course 10.

For the year 1918-19 Freshmen should, if possible, take courses 1 and 2. Sophomores should take course 2. Juniors also should take course 2.

DEPARTMENT OF BIOLOGY

Professor Earle Ruskin Bryant.

The courses in Biology are planned with the purpose in view of giving the students not only a knowledge of animal and plant

life, but also a knowledge of the more important laws which control the lives of these organisms. Accuracy in observation, expression and conclusion are matters also included in this purpose. Aside from their value in general education, the courses are all fundamental to the various applied biologies, such as agriculture, domestic science, and medicine.

1-2. GENERAL BIOLOGY.

Freshman. *Both Semesters* 3 *hours*

This is a fundamental course for Freshmen, serving to acquaint the student with the fundamental principles of plant and animal life and with methods of laboratory work. It is well fitted, both as a training to the student who decides to continue further in biology, and also to the one who can give time for only a year of college biology (Prerequisite to other biology courses.)

3-4. HUMAN PHYSIOLOGY.

Prerequisite, 1-2 *Both Semesters* 3 *hours*

This is a study of the structure, physiology, and hygiene of the human body. There are two recitations per week and in addition there are two hours of laboratory work designed to give the student first hand knowledge of the gross and microscopic structure of the organs of mammals, the functions of which he is studying.

5-6. BOTANY.

Prerequisite, 1-2 *Both Semesters* 4 *hours*

This course is for the student wishing to continue more deeply the study of plant life. Structure and physiology are given about equal place in the course. Also some time will be given to Ecology and to the economic side of Botany. It is a requirement to agricultural courses and helpful in a medical course.

7. BACTERIOLOGY.

Prerequisite, 1-2 *First Semester* 4 *hours*

This course is a study of microorganisms, especially those which are related to human affairs. The work will consist of recitations from text books and bulletins. There will be laboratory work of practice in present-day methods of culture. Text: Buchanan's "Household Bacteriology."

8-9. THE TEACHING OF BIOLOGY.

For Seniors *Both Semesters* 1 *hour.*

A training course for prospective teachers of Biology in secondary schools. The work consists of the study of the pedagogy of Biology teaching, review of high school texts, equipment and supplies, etc. Text: Lloyd and Bigelow. Students desiring the recommendation of the department as high school teachers should take Biology 1-2 and one or more advanced courses.

Observation and report and practice teaching will be given in this course as required by Education 11 and 12.

10-11. TEACHERS' AGRICULTURE.

Prerequisite, 1-2 *advised* *Both Semesters* 3 *hours*

This is intended for teachers taking the course in Education. In addition to a regular course in agriculture, special attention will be given to methods of presenting the subject. Spraying demonstrations, trips to farms, and indoor experiments will constitute the laboratory work. Text: Water's "Elements of Agriculture." and Experiment Station bulletins.

DEPARTMENT OF CHEMISTRY

Professor L. D. Copeland

Assistants, Gregory Martin, Harry Kerr

1-2. GENERAL CHEMISTRY.

Prerequisite. 1 *unit Physics or Chemistry.* *Both Semesters.* 4 *hours.*

The first semester of this course is devoted to a study of the fundamental principles and laws of Chemistry. The work will consist of lectures, quizzes, and written work, accompanied by laboratory work illustrative of the first principles of Chemistry. The second semester is taken up largely by a study of the metals and their compounds. In the laboratory special emphasis will be given to the detection of the positive and negative radicals, and to the systematic analysis of the more common inorganic compounds. Text: "A Course in General Chemistry," by McPherson and Henderson. Laboratory work, four hours a week. Courses 1-2 are prerequisite to all advanced courses in Chemistry.

3-4. CHEMICAL ANALYSIS.

Prerequisite, 1-2 *Both Semesters* 4 *hours*

The work in this course is planned to meet the needs of those students who expect to make Chemistry their major subject for the degree of Bachelor of Science. The first semester of this course will consist of some advanced work in Qualitative Analysis, including the Gravimetric experiments in Quantitative Analysis. The second semester will include the methods of Volumetric Analysis, and the analysis of salts, ores, and some simple commercial products. The methods for the work in these courses will be selected from standard texts, accompanied by lectures and quizzes, to make plain the theory of the work as the student makes progress in the course. Recitation two hours. Laboratory work six hours.

5-6. GENERAL ORGANIC CHEMISTRY, ADVANCED.

Prerequisite, 3-4 *Both Semesters* 5 *hours*

In this course a systematic study is made of the general principles of Organic Chemistry as presented in Norris' "Organic Chemistry;" and of the preparation of the more important class types of both the aliphatic and the aromatic series of compounds, using Norris', "Experimental Organic Chemistry" as a guide. Class four hours. Laboratory six to nine hours.

7. ORGANIC CHEMISTRY, ELEMENTARY.

Prerequisite, 1-2 *Second Semester* 5 *hours*

This is a general introductory course in Organic Chemistry, dealing with the sources, methods of preparation, and properties of the chief groups of organic compounds. This course is designated especially for those students who intend to continue their work in Agriculture or Home Economics. Class four hours. Laboratory five to seven hours.

8. AGRICULTURAL CHEMISTRY.

Prerequisite, 1-2 *First Semester.* 5 *hours*

This course is designed especially for those students whose interests are in Agriculture or Home Economics. It will meet the requirements of one half year of Agriculture Chemistry at Ohio State University. The lecture work will relate to Chemistry as applied to Agriculture and the household. The laboratory work

for the men will consist of a brief introduction to quantitative analysis, gravimetric and volumetric, followed by the analysis of fertilizers and feeding stuffs. The laboratory work for the women will consist of a brief introduction to quantitative analysis, followed by the analysis of foods and other materials of household interests. Class three hours. Laboratory six hours.

9-10. THE TEACHING OF CHEMISTRY.

Prerequisite, 3-4 *Both Semesters* 1 *hour*

The classroom work will consist in a study of the methods of teaching Chemistry, and of the construction, equipment, and use of a laboratory. Each student will assist in the oversight and direction of laboratory sections assigned him. For further requirements in this course, see Education 11 and 12.

DEPARTMENT OF DOMESTIC SCIENCE—(See Home Economics)

DEPARTMENT OF ECONOMICS—(See Government)

DEPARTMENT OF EDUCATION

Professor John W. Good
Professor John G. Lowery
Assistant, Mary A. Stone

The courses in this department are designed to meet the needs of four classes of students:

First, students who desire an acquaintance with the educational field without reference to teaching certificates.

Second, students seeking the A. B. or B. S. degree and who desire the professional subjects necessary to have the degree recognized by the State Department of Education for a certificate.

Third, students seeking the degree of B. S. in Education.

Fourth, students seeking the diploma and certificate courses for elementary teachers.

The first group may take any of the first ten courses in the department, for which they can furnish the necessary prerequisites.

The second group should be guided by the state standards for college courses for state certificates, which are as follows:

I. Graduation from a first grade high school or its equivalent.

II. Thirty semester hours of professional courses with the following minima:

1. Observation and Practice, 3 hours.
2. History of Education, 2 hours.
3. Science or Principles of Education, 2 hours.
4. Methods, General and Special, 2 hours.
5. School Organization, Management and Law, 2 hours.
6. Psychology, General, Educational, Gentic, 2 hours.

Any of the above hours may be increased and the remaining semester hours may be chosen from the fields of:

Experimental Psychology.
Sociology.
Ethics.
Philosophy.

III. A major and a minor selection of academic work. A major is understood to mean at least eighteen semester hours in some one college department after standard entrance prerequisites have been met. A minor is understood to mean at least ten semester hours in some one college department after standard entrance prerequisites have been met for that department.

The third group should be guided by the above standards and the outline of the course by years under Prescribed Courses for the B. S. in Education.

The fourth group should take the College Normal Course for Elementary Teachers, under which see the requirements.

Description of Courses.

I. College Elective and Secondary Education Courses

These courses are all based upon the full college entrance requirements. The prerequisites are very important, and will be insisted upon in every case.

1. GENERAL PSYCHOLOGY.

Sophomore *First Semester* 3 *hours*

For description of this course, see Philosophy 1. This course is prerequisite to all other work of college grade in Education.

2. EDUCATIONAL PSYCHOLOGY.

Sophomore, Prerequisite, 1 *Second Semester* 3 *hours*

This course assumes in the student a knowledge of the established facts of General Psychology, and proceeds to study the nature and operation of the mind with special reference to the

theory and practice of education. Considerable attention is given to experimental work in education and the student is made familiar with the current educational tests.

3. GENTIC PSYCHOLOGY.

Sophomore, Prerequisite, 1 *Second Semester* 3 *hours*

This course is given under two divisions, as follows:

(*a*) *Child Study.* To explain the activities of the mind of the child by the rules which we follow in the study of the adult cannot fail to cause error. An attempt is made in this course to study the concurrent physical and mental development of the normal child.

(*b*) *Child Problems.* In the latter part of the semester the problems of the conservation of child life, health and physique, play and recreation, the education of exceptional children, vocational training, child labor, juvenile delinquency, etc. are considered. Text-book, assigned readings, discussions and lectures are included in the method of the course.

4. SOCIAL PSYCHOLOGY.

Junior, Prerequisite, 1 *First Semester* 2 *hours*

For a description of this course, see Philosophy 2.

5. HISTORY OF EDUCATION.

Junior, Prerequisite, 1 *First Semester* 3 *hours*

This course is a study of education in China, Greece and Rome, and during the Middle Ages. The method of the course involves work in the text-book, class discussions, assigned readings, special reports, and lectures. Required of those taking the degree of Bachelor of Science in Education.

6. HISTORY OF EDUCATION.

Junior, Prerequisite, 1 *Second Semester* 3 *hours*

This course continues 5, under the same method, studying the evolution of educational theory, practice, institutions, and leadership, since the beginning of the Renaissance. This course may be taken without 5, except in the case of those seeking the degree of Bachelor of Science in Education. History 9, 10, strongly advised as prerequisites.

7. PRINCIPLES OF EDUCATION

Junior. Prerequisite, 1, and 2 or 3 Second Semester 3 hours

This course undertakes to study the educative process, considering it especially from the biological and evolutionary points of view. Education 6 should come either before or parallel with this course.

8. SOCIAL PRINCIPLES OF EDUCATION.

Senior. Prerequisite, 6. 7 Second Semester 3 hours

This course is a study of the School as related to the family, state, and other social institutions; of Education as a factor in civilization; and of the function of the several kinds of schools in solving the industrial, moral, and other problems of society. Sociology 1 and 2 are also prerequisites to this course.

9. HIGH SCHOOL METHODS—GENERAL.

Senior. Prerequisites, 6, 7 First Semester 3 hours

This course considers the selection and arrangement of subject matter; the methods of learning involved in the various secondary subjects, and the corresponding methods of teaching; the use of materials, aids, laboratories, etc. Required of those taking the degree of Bachelor of Science in Education.

10. SCHOOL ORGANIZATION AND SCHOOL LAW.

Seniors. Prerequisites, 6, 7 Second Semester 3 hours

This course considers the American School System as a function of the state; the ideals that support public education; the selection and duties of boards of education and supervising officers; the financial systems of the schools; the organization of the teaching staff; the problems of buildings and equipment; the kinds of school courses; the selection of text-books; the education of defective, abnormal, and delinquent children; records and reports; and their scientific preparation and interpretation.

11. HIGH SCHOOL METHODS—SPECIAL.

Senior. Prerequisites, 6, 7 Both Semesters 2 hours

The several departments of the College conduct Teacher Training courses in the corresponding high school subjects. These courses in the Special Methods of secondary education cover the materials, the methods of instruction, and the organization of the work in the subjects under consideration. The following courses are offered:

a. Biology, 8-9.	The Teaching of Biology.
b. Chemistry, 9-10	The Teaching of Chemistry.
c. English, 18.	The Teaching of English.
d. German, 10	The Teaching of German.
e. History, 13-14.	The Teaching of History.
f. Home Economics, 11-12.	The Teaching of Home Economics.
g. Latin, 5-6.	The Teaching of Latin.
h. Mathematics, 10.	The Teaching of Mathematics.
i. Oratory, 17-18.	The Teaching of Oratory.
j. Physics, 5-6.	The Teaching of Physics.

12. OBSERVATION AND PRACTICE TEACHING.

Senior. Parallel with 9 or 11 *Both Semesters* 1½ *hours*

Liberal opportunity for this work, under actual working conditions, is afforded in the High School courses given in the Academy. The work of this course is divided into two parts:

a. Systematic Observation. Lectures and assigned readings are given, through which are developed the outlines that are subsequently used in reports and criticism of classroom work.

b. Practice Teaching. Students are put in charge of high school classes, to work out a series of teaching assignments, in connection with which definite and carefully prepared lesson plans must be presented for criticism and suggestion.

11. COLLEGE NORMAL COURSES.

The following College courses for elementary teachers are based upon the full College Entrance Requirements, and may receive College credit toward the degree of Bachelor of Science in Education. See general introduction of this Department.

13. INTRODUCTORY EDUCATIONAL PSYCHOLOGY.

Freshman *First Semester* 3 *hours*

The course gives an introduction to the established facts of general Psychology, with special reference to their place as the foundation of the theory and practice of education. Text, lectures, assigned readings.

14. PRINCIPLES OF TEACHING.

Freshman *First Semester* 3 *hours*

This very practical course covers a wide range of teaching problems. A carefully selected text-book will be used as a basis

of the work; and a full discussion will be given of such subjects as the recitation, lesson plans, assignment of lessons, how to teach children to study, the laws of teaching, and the aims of education.

15. SCHOOL MANAGEMENT.

Freshman *First Semester* *2 hours*

The course is a study of classroom problems. Special attention is given to the mechanical routine and the making of the daily program; to plans for group instruction and for individual instruction; to the essential principles of school-room management; to the nature and means of punishment; and to the relation of the teacher to the supervising authority. Text: Bagley's "Classroom Management." Assigned readings are also required, and a study of the Ohio School Laws.

16. HISTORY OF ELEMENTARY EDUCATION.

Sophomore *First Semester* *3 hours*

The work of this course will follow the chief phases of development in elementary education since the Reformation. The text used will be supplemented by assigned readings, reports, and lectures.

17. OBSERVATION AND TEACHING.

Freshman-Sophomore *Both Semesters* *1 hour*

The working principles of this course are the same as those in course 12. The Practice Teaching, however, is done in connection with the New Concord Elementary Schools.

18. HISTORY METHODS.

Freshman *First Semester* *3 hours*

The object of this course is to give a rapid review of United States History, and to show how to teach that History so as to train better American citizens. Type lessons, the difficult problems of what and how to teach, the selection of suitable textbooks, the collection of illustrative materials, and the assignment of supplementary readings, are among the points that will receive full consideration.

19. METHODS IN ENGLISH.

Freshman *Second Semester* *3 hours*

The purpose of this course is to qualify teachers in the elementary schools to do more effective language work. The course

works out a complete program of oral and written work for each of the grades, reviews the essentials of technical grammar, and gives practical instruction in Story-Telling and in Picture-Study as a means of enriching the language work of the schools.

20. THE TEACHING OF GEOGRAPHY.

Freshman *Second Semester* *2 hours*

The principles and methods of the Teaching of Geography are carefully taught. A standard text-book will be used, together with type-lessons to illustrate the different phases of the subject.

21. ARITHMETIC AND METHODS.

Freshman *Second Semester* *3 hours*

This course treats of the aims and methods of teaching Arithmetic in the grades. The selection and organization of subject-matter, the use of aids, devices, and supplementary materials, are given consideration. Special attention is given to the basic principles in Arithmetic, and to the psychological processes involved in the teaching of that subject.

22. READING.

Freshman *Second Semester* *3 hours*

The aim of this course is to improve the teaching of Reading in the schools. The course deals with the problems of teaching Reading, the physiology, psychology and pedagogy of Reading, the methods and subject-matter of primary Reading, phonics and Reading in the upper grades, story-telling, and dramatization.

DEPARTMENT OF ENGLISH

Professor Thomas W. Baldwin
Assistant, Beulah B. Brown

Students who expect to be recommended as teachers of English must take a minimum of twenty-four (24) hours work in this department. Such students are required to take courses 1-2, 4-5, and 7-8, and are advised to take courses 3 and 18.

1-2. COMPOSITION.

Freshman. Required *Both Semesters* *3 hours*

These courses consist of a vigorous practice in theme-writing, text-book work, and conferences. Much of the work will be based on literary models selected from both English and American literature.

3 ADVANCED COMPOSITION.

Prerequisite, 1-2 *Second Semester* 3 *hours*

In this course emphasis is laid on the science of composition, exemplified by constant practice in the art.

4-5. SURVEY OF ENGLISH LITERATURE

Prerequisite, 1-2 *Both Semesters* 3 *hours*

The purpose of this course is to trace the principal movements in the development of English Literature from its beginning to the present day. A manual will be used, but the chief emphasis will be placed on illustrative selections from the literature itself.

6. CHAUCER.

Prerequisite, 4-5 *First Semester* 3 *hours*

This course includes a study of the life, language, and writings of Chaucer as illustrative of his age. This course alternates with 9. Not given in 1918-19.

7-8. SHAKESPEARE AND THE ELIZABETHAN DRAMA.

Prerequisite, 4-5 *Both Semesters* 3 *hours*

The development of the English drama will be traced up to Shakespeare. With this background, Shakespeare's development as a dramatist will be carefully studied.

9. SPENSER AND MILTON.

Prerequisite, 4-5 *First Semester* 3 *hours*

An attempt is made to become acquainted with the lives and chief works of these poets in connection with their respective ages. This course alternates with 6. Given 1918-19.

10. THE ENGLISH NOVEL.

Prerequisite, 4-5 *First Semester* 3 *hours*

A study is made in this course of the rise and development of the English novel. A guiding manual is used, but chief emphasis is placed on the study of characteristic novels by representative authors.

11. THE ROMANTIC POETS.

Prerequisite, 4-5 *Second Semester* 3 *hours*

Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats are studied in their historical setting of the Romantic Movement,

with special consideration of their characteristic poetry. This course alternates with 12. Not given 1918-19.

12. BROWNING AND TENNYSON.

Prerequisite, 4-5 *Second Semester* 3 *hours*

A study is made in this course of the lives and chief works of these poets as representative of their age. This course alternates with 11. Given 1918-19.

13. NINETEENTH CENTURY ESSAYISTS.

Prerequisite, 1-2 *First Semester* 2 *hours*

A study is made in this course of the principal nineteenth century essayists as models of prose style, as well as for thought expressed.

14-15. AMERICAN LITERATURE.

Prerequisite, 1-2 *Both Semesters* 2 *hours*

The historical movements in American Literature are traced through selected writings of representative authors.

16. HISTORY OF THE ENGLISH LANGUAGE.

Prerequisites, 1-2, 4-5, 6 *First Semester* 2 *hours*

This course undertakes a careful study of the development of the English language.

17. THESIS COURSE

Senior. Required *November to April* 1 *hour*

The aim of the Senior Thesis is to illustrate the methods of survey and research in the scholary development of some subject along the line of the student's major interest. The purpose of this course is to direct the student in the preparation of his thesis.

18. THE TEACHING OF ENGLISH.

Prerequisites, 1-2, 4-5, 7-8 *Second Semester* 2 *hours*

For the description and additional requirements of this course, see Education 11 and 12.

DEPARTMENT OF FRENCH—(See Romance Languages)

DEPARTMENT OF GEOLOGY

Professor L. D. Copeland.

1-2. GEOLOGY.

Prerequisite, Chemistry 1-2 *Both Semesters* 3 *hours*

The first semester of this course consists of a study of Dynamical and Structural Geology, with field trips and labora-

tory work in the study of topographical maps and folios of the U. S. Geological Survey.

The second semester of the work lays more emphasis on the study of local Structural and Historical Geology, with laboratory work to correspond.

DEPARTMENT OF GERMAN

Professor Mary E. Sharp
Assistant, Mary Elizabeth Stewart

The object of these courses is to give a knowledge of the elements of syntax and composition and a facility in reading and speaking the German language. The first courses are elementary in character. As they advance, the study of the language claims increasing attention. Supplementary reading is encouraged and themes are required to be written in German from topics assigned which require independent work.

1-2. GERMAN I.

Beginner's Course *Both Semesters* 4 *hours*

Thorough drill in grammar and pronunciation. Dictation, memorizing of short German poems and "Geschichte-Erzahlung." Reading of easy texts, such as "Gruss aus Deutschland" or "Willkommen in Deutschland."

3. GERMAN II.

Prerequisite, 1-2 *First Semester* 4 *hours*

Reading, "Immense", "Der Neffe als Onkel" and "Das Edle Blut", or texts equivalent to these. One recitation a week devoted to composition. Wesselhoeft's Composition, Part I, completed. Review of Grammar. Outside reading on assigned subjects based on current events taken from the German Daily and "Aus Nah und Fern."

4. GERMAN II.

Prerequisite, 3 *Second Semester* 4 *hours*

Reading, "Der Leibmedikus", "Der Narr", "Die Journalisten", or equivalent texts. Wesselhoeft's Composition completed. Review of Grammar. Outside readings, etc., continued.

German I. and II. are intended for students entering college, having no German in high school.

5. GERMAN III.

Prerequisite, 2 units of German *First Semester* 3 *hours*

(Fr. Scientific). Reading "Frau Sorge," 209 pages, or its equivalent. Pope's Composition, "Eine Reise Nach Deutchland", 14 lessons completed. Dictation of essentials of grammar on which the student is expected to be ready for a written quiz at any time. Outside readings.

6. GERMAN III.

Prerequisite, 5 *Second Semester* 3 *hours*

Reading, "Der Talisman", or its equivalent. Pope's Composition "Eine Reise Nach Deutschland" and Part I. on "Briefe" completed. German Dictation, Conversation and outside reading continued.

NOTE: German III. is intended for students entering college, having credit for two years High School German.

7. GERMAN IV.

Prerequisite, 5 and 6 *First Semester* 3 *hours*

Schiller's "Jungfrau" and Schiller's "Maria Staurt" completed. Two texts of second year grade read out of class by student and written reviews of the same in German required.

8. GERMAN IV.

Prerequisite, 7 *Second Semester* 3 *hours*

Goethe's "Iphigenie Auf Tauris" and "Tasso" or some equivalent work of Goethe completed. Same number of outside readings and reviews as in first semester, making four reviews for the year.

German IV. is conducted as much as possible in German, and in the second semester at least half an hour a week is devoted to rapid dictation of advanced German prose. Not open to students having an average grade below "B" in their previous work in German.

9. SCIENTIFIC GERMAN.

Prerequisite, stated below *Second Semester* 3 *hours*

This course presupposes three semesters college German or its equivalent. It consists of rapid reading of German articles, lectures, etc., along the line of various sciences. Special outside readings for each student in the science in which he desires his

German vocabulary. Dippold's "Scientific German Reader" serves as the class room text book.

10. THE TEACHING OF GERMAN.

Prerequisites, stated below *Second Semester* *2 hours*

This is a course for teachers of high school German, and is open to those who have had three years of German. For the description and additional prerequisites of this course, see Education 11 and 12.

DEPARTMENT OF GOVERNMENT, ECONOMICS, AND SOCIOLOGY

Professor Howard McDonald
Professor T. H. Paden.

1-2. AMERICAN GOVERNMENT.

Basic Course *Both Semesters* *3 hours*

This course is designed to prepare the student for intelligent citizenship. It should be elected in the Sophomore or Junior year. The course will be introduced with a study of the origin and development of the state, using Leacock's "Elements of Political Science." The American Government will then be studied in its federal, state and local aspects, using Beard's two volumes "American Government and Politics," and "Readings in American Government and Politics." Recitations, assigned topics, reports.

3. INTERNATIONAL LAW.

Prerequisite, 1-2 *First Semester* *3 hours*

An introduction to the general principles of international law. Emphasis will be placed on the development of arbitration and the problems arising out of the present World War. International incidents will be assigned for investigation and report. Text: Lawrence, "The Principles of International Law."

4. MUNICIPAL GOVERNMENT.

Prerequisite, 1-2 *Second Semester* *2 hours*

A study of the organization and administration of city government in the United States. Comparison will be made with the government of European cities. Emphasis will be laid on modern municipal problems. Each student will be expected to investigate some small American city and make report. Text: Munro, "The Government of American Cities."

5. CONSTITUTIONAL LAW.

Prerequisite, 1-2 *First Semester* 3 *hours*

Work will consist largely of classroom analysis of leading cases. Familiarity with American political history important for those who elect the course. Text: Boyd, "Cases on Constitutional Law" supplemented by Willoughby, "The American Constitutional System." Will not be given in 1918-19.

6. EUROPEAN GOVERNMENTS.

Prerequisite, 1-2 *Second Semester* 3 *hours*

A comparative study of the leading European Governments. Text: Ogg, "The Governments of Europe."

1. PRINCIPLES OF ECONOMICS.

Sophomore *First Semester* 3 *hours*

An introductory course dealing largely with the production of wealth. Economic theory is emphasized in this course. Class discussion with written reports on assigned problems. Text: Taussig, "Principles of Economics."

2. PRINCIPLES OF ECONOMICS.

Prerequisite, 1 *Second Semester* 3 *hours*

This is a continuation of course 1. The emphasis is on the distribution of wealth. Effort is made, too, to apply the more important principles to problems of current interest. Text: "Principles of Economics," (vol 2.)

3. THE CORPORATION PROBLEM.

Prerequisite, 1-2. *First Semester* 2 *hours*

A study of the corporation as an element in industrial society. The trust problem and the question of governmental regulation will receive consideration. Will not be given in 1918-19.

4. MONEY AND BANKING.

Prerequisite, 1-2. *Second Semester* 2 *hours*

The fundamental principles of monetary theory, the history and theory of banking, the discussion of current problems and recent legislation. Text: White, "Money and Banking" and Fiske, "The Modern Bank." Will not be given 1918-19.

5. THE LABOR PROBLEM.

Prerequisite, 1-2 *First Semester* 2 *hours*

Special attention will be given to socialism and labor organizations as elements in modern industrial evolution. The purpose of the course is to furnish the student with the material for an independent judgment concerning these and other labor problems.

6. PUBLIC FINANCE.

Prerequisite, 1-2 *Second Semester* 2 *hours*

A study of the theories and methods of taxation. Attention is paid to the collection and disbursement of public funds by federal, state and local authorities. Proposed reforms in taxation receive consideration.

1. PRINCIPLES OF SOCIOLOGY.

Sophomore *First Semester* 3 *hours*

An elementary course designed to introduce the student to the principles of human association. A paper will be required in the course dealing with some concrete social problem.

2. PROBLEMS IN SOCIOLOGY.

Prerequisite 1 *Second Semester* 3 *hours*

A continuation of Course 1. Such problems are considered as population, degeneracy, the liquor problem, crime, divorce, immigration, and the social problems resulting from the growth of cities.

DEPARTMENT OF GREEK

Professor G. B. McCreary

1-2. ELEMENTARY GREEK.

Freshman *Both Semesters* 3 *hours*

For all freshmen taking the degree of Bachelor of Arts who have entered without Greek this first course in Greek is required. An effort is made in the course to secure the mastery of essential inflections, the acquisition of a working vocabulary, a familiarity with the irregular verbs, and a knowledge of the basic principles of Greek syntax. White's "First Greek Book" and Xenophon's "Anabasis" are the materials of the course.

3-4. XENOPHON'S ANABASIS AND PLATO'S APOLOGY.

Sophomore, Prerequisite, 1-2 *Both Semesters* 3 *hours*

This course is required of all Sophomores who are taking the degree of Bachelor of Arts. Four books of the Anabasis will be read.

Besides the reading of the Apology in the original, this course involves a study of the Life of Socrates and the Sophoists, and further work in grammar and composition.

5. NEW TESTAMENT GREEK.

Prerequisite, 3-4 *Second Semester* 3 *hours*

Selections from the Gospels and the Epistles are read. A careful study is made of Greek forms and the Greek uses of Moods and Tenses in the New Testament.

6. HOMER'S ILIAD.

Prerequisites, 3-4, *advised* *First Semester* 3 *hours*

In addition to reading several books of the Iliad in the original, students in this course will give special attention to the Homeric dialect, scansion and mythology.

7. DEMOSTHENES' DE CORONA.

Prerequisites, 3-4, *advised* *Second Semester* 3 *hours*

This course involves the reading of the original and a study of Greek Oratory.

8. THE GREEK DRAMA.

Prerequisites, 3-4, *advised* *First Semester* 3 *hours*

The Medea of Euripides, or some other Greek play, will be the working basis of this course. Attention will also be given to the institution of the Greek Drama, and to its influence on Greek national life.

9. GREEK HISTORY.

Open to Advanced Students *Second Semester* 3 *hours*

This course is a study of Greek History with special reference to the evolution of Greek life, ideals, and literature. The work in this course will be done for the most part in English, and the course may be elected by advanced students outside of the Department of Greek.

DEPARTMENT OF HISTORY

Professor J. I. Stewart

This department strives to accomplish two things: First, to impart to the student such a knowledge of the historic movements of the past that he may the better understand the great political, economic, and social movements of to-day; and second, to give him such an understanding of historic methods that he may be able to find and weigh historic evidence.

1. EUROPEAN HISTORY (Medieval).

Freshman *First Semester* 3 *hours*

This course covers the period from the reign of Charlemagne, tracing the formation and development of the nations of Western Europe up to the time of the Renaissance, with a brief survey of the earlier history from the fall of Rome. Readings of historical sources and special reports will be required at the discretion of the Instructor. "The History of Western Europe." by Robinson, will be used as a text.

2. EUROPEAN HISTORY (Modern).

Prerequisite 1. *Second Semester* 3 *hours*

This course is a continuation of Course 1, taking up the history of Western Europe from the Renaissance and bringing it down to the present time. Readings and reports will be required as in Course 1. The same text will be used.

3. BIBLE HISTORY.

Sophomore *Second Semester* 3 *hours*

This course comprises a general survey of Bible History. It is designed to show the value of the Bible from the historic point of view. Blaike's "Manual of Bible History" is the next.

4. ADVANCED UNITED STATES HISTORY.

(To the 19th Century)

Junior *First Semester* 3 *hours*

A careful study of the development of the American Nation and Institutions will be made from the time of the discovery of America to the War of 1812. Special attention will be given to the causes of the Revolution, the formation of the Constitution, and establishment of the government under it. Social and general economic conditions will be carefully considered. In con-

nection with the text book considerable library work and the preparation of theses on special topics will be required. "Epochs of American History," edited by Hart, will be used as a guide in this course.

5. ADVANCED UNITED STATES HISTORY. (19th Century)

Prerequisite, 4 *Second Semester* 3 *hours*

This course is a continuation of Course 4, taking up the history from the War of 1812 and bringing it down to the present time. Special attention will be given to the growth of the National Government through the contests over Slavery and State Rights. As in Course 4, social and economic conditions will receive careful attention. Also library work and theses will be required.

6. ECONOMIC HISTORY OF THE UNITED STATES.

Prerequisites, 4 *and* 5 *First Semester* 3 *hours*

A careful study of the developments of American commerce, industries, and general Economic conditions will be made from the colonial period to the present time. Bogart's "Economic History of the United States" will be used as a text.

7. EARLY ENGLISH HISTORY.

Prerequisite, 1 *and* 2 *advised* *First Semester* 2 *hours*

A course in general English History from the early times to the reign of the Tudors. Emphasis will be laid on the formation of the Nation and the development of its Constitution. The study of special topics will be required.

8. MODERN ENGLISH HISTORY.

Prerequisite, 7 *Second Semester* 2 *hours*

A continuation of Course 7, taking up the history from the Tudor period and bringing it down to the present time. A study of the contest for colonial and commercial supremacy, of the industrial revolution and of the social and political reforms which have contributed to the development of the England of today. A text-book will be supplemented by lectures on the English Constitution and government.

9. EUROPEAN HISTORY. (18th Century).

Prerequisite, 1 *advised* *First Semester* 3 *hours*

This course is a comprehensive study of European History during the time of the political revolutions following the Trea-

ties of Westphalia to the downfall of Napoleon. Library work and theses will be required.

10. EUROPE IN THE NINETEENTH CENTURY

Prerequisite, 9 advised *Second Semester* 3 *hours*

A careful study of European History from 1815 to the present time. The growth of national and constitutional government, social and economic progress, and problems of the day will receive special attention. Library work and theses will be required.

11. CONTEMPORARY HISTORY.

Open Elective *First Semester* 1 *hour*

The object of this course is to give the student a practical working application of history in connection with the world movements of today. Open to students registered in other courses of this department. A weekly magazine of current events will be used as a text.

12. CONTEMPORARY HISTORY.

Open Elective *Second Semester* 1 *hour*

This is a continuation of course 11. Election in Contemporary History is limited to two hours of credit.

13-14. THE TEACHING OF HISTORY.

Prerequisites, stated below *Both Semesters* 1 *hour*

This course is especially designed to meet the needs of students who expect to teach History. A study will be made of the place of History in the school curriculum, methods of presentation, and the more important sources and materials suitable for teachers and pupils, using for this purpose recent texts. Those who desire to qualify for recommendation by this department as high school teachers of History must complete courses 1 and 2 or their equivalents, 4, 5, 9, 10, and 12. For professional prerequisites and requirements in this course, see Education 11 and 12.

DEPARTMENT OF HOME ECONOMICS

Professor Margaret Lawrence

The Department of Home Economics is on an equal footing with the other departments of the College, and is grouped with the sciences. Therefore, a student desiring to specialize in this department should take the degree of Bachelor of Science. Those

who desire to become teachers of Home Economics have the following possibilities in this work. The degree of Bachelor of Science, with the thirty hours of professional work; or the degree of Bachelor of Science in Education, electing Home Economics as the subject to be taught. Students desiring to be recommended as teachers of Home Economics must take courses 1-2, 3-4, 5-6, 9, 10, 11-12. It is also possible for those taking the degree of Bachelor of Arts to elect work in this department.

Besides the work in the degree courses as stated above, by special arrangement with Ohio State University, the student who has completed two years in Home Economics at Muskingum may by taking two additional years at the University receive from that institution the degree of Bachelor of Science in Home Economics, or the degree of Bachelor of Science in Education in Home Economics. For the requirements, see Affiliated Courses with Ohio State University, Home Economics.

Also, a special two-year course in Home Economics has been provided for those who desire some training in this work, but who cannot spend four years in the College. This course leads to a certificate in Home Economics. To receive this certificate, students must take courses 1-2, 3-4, 5-6, 9, and 10 in Home Economics, and complete eighteen hours in Education, the remainder of the work being elective. As General Chemistry 1-2 is prerequisite to Foods 5-6, this course in chemistry should be elected the first year. This two-year course meets the requirement for the teaching of Home Economics in the public schools.

1-2. DESIGN AND COMPOSITION.

Freshman *Both Semesters* 1 *hour*

The principles of design are taught in this course. Original designs in pencil, pen, and color are made by the student. Two hours laboratory.

3-4. TEXTILES.

This course teaches the history, economic importance, and properties of the textile fibres. Clothing budgets are prepared and studied. The laboratory work includes the designing and drafting of patterns, and the making of underwear and simple dresses. One hour recitation. Two hours laboratory.

5-6. FOODS.

Prerequisite, General Chemistry *Both Semesters* 5 *hours*

This course includes a detailed study of the food nutrients, their use, metabolism, and comparative cost. In the laboratory, foods are studied by means of experimentation and preparation. Three hours recitation. Four hours laboratory.

7-8. FOOD STUDY.

Special *Both Semesters* 2 *hours*

This course is designed for those who do not wish to teach the subject, but desire a working knowledge of the principles involved in the preparation of foods. One hour recitation. Two hours laboratory.

9. HOUSEHOLD MANAGEMENT.

No Prerequisite *Second Semester* 3 *hours*

Problems in the arranging and administering of the home are considered in this course.

10. SANITATION.

Prerequisite, Bacteriology 7 *Second Semester* 3 *hours*

This course deals with the construction of the house from a sanitary standpoint, and with the water supply, heating, lighting, and ventilating of the home. Special work and demonstrations will be given in home nursing.

11-12. THE TEACHING OF HOME ECONOMICS.

Prerequisites, 1-2, 3-4, 5-6, 9, 10 *Both Semesters* 2 *hours*

For the description and additional requirements of this course see Education 11 and 12. This course consists of observation, conferences, lesson plans and practice teaching.

DEPARTMENT OF LATIN

Professor T. H. Paden
Assistant, Jeannette Reed

The courses in the Department of Latin are intended to direct the student to a careful and systematic study of the Latin language; and by readings in some of the best authors, to give the student a general idea of the Roman language, life, and literature, and also to furnish a basis for students who may wish later to make a specialty in the study of this language. Atten-

tion will be given to technical grammar and to composition, as a help in these directions.

Two years of Latin are offered under the following courses.

1. CICERO, LIVY, AND OVID OR THEIR EQUIVALENTS.

Prerequisite, 4 units of Latin *First Semester* 3 ***hours***

Essays of Cicero, Selection from Livy's histories, and from the Metamorphoses of Ovid.

2. HORACE, PLAUTUS, AND CATULLUS OR THEIR EQUIVALENTS.

Prerequisite, 1 *Second Semester* 3 ***hours***

Selections from the odes and other writings of Horace, a play of Plautus, and selections from Catullus.

3-4. SPECIAL COURSE IN LATIN.

Prerequisite, 1, 2 *Both Semesters* 2 ***hours***

This course is open to those who have had one year of college Latin, and who have shown themselves especially interested and proficient in this language, and are looking forward either to the teaching of it or to the more advanced study of it.

Different authors will be read. Sometimes they will be read extensively, at other times they will be read intensively. At times, portions will be read from authors usually read in preparatory schools, with the idea of furnishing some help and inspiration to prospective teachers. Attention will be given to nothing and examining the many Latin words from which English words are derived, and thus showing this practical side of the study of Latin. There will be practice in Sight-reading, and also in translating "de novo" portions from different authors, during the recitation hour.

5-6. THE TEACHING OF LATIN.

Prerequisites. 1, 2, 3 *and* 4 *Both Semesters* 1 ***hour***

The course includes a study of the methods employed in teaching high school Latin, a discussion of Caesar, Cicero and Virgil, together with composition, a consideration of the merits of text-books and of the problems of teaching. For the working principles of this course and a statement of additional prerequisites and requirements, see Education 11 and 12.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

Professor J. A. Gray

Students preparing to teach Mathematics in the high school should take courses 1, 2, 4 and 6. Those who elect Astronomy should take courses 1, 2, 3 and 4.

1. COLLEGE ALGEBRA.

Freshman *First Semester* 3 *hours*

This course is a study of Logarithms, Interest and Annuities, Choice and Chance, Variables and Limits, and the Theory of Equations.

2. PLANE TRIGONOMETRY.

Prerequisite, 1 advised *Second Semester* 3 *hours*

A study is made of Trigonometrical Functions, Goniometry and the Plane Triangle.

3. SPHERICAL TRIGONOMETRY.

Prerequisite, 2 *First Semester* 3 *hours*

A study is made of Spherical Triangles. Applications to Astronomy. Solid Geometry is necessary as a prerequisite to this course.

4. ANALYTICS.

Prerequisite, 2 *First Semester* 3 *hours*

This study involves the application of rectilinear and polar co-ordinates to conic sections, etc.

5. SURVEYING AND NAVIGATION.

Prerequisite, 2 *Second Semester* 3 *hours*

A study of Land Surveying, Leveling, Railroad Curves, Plane Sailing, Parallel Sailing, Middle Latitude Sailing and Great Circle Sailing.

6. CALCULUS.

Prerequisites, 2 and 4 *Second Semester* 3 *hours*

This is a study of differential and integral calculus with applications.

7. ASTRONOMY.

Prerequisites, 2 and 4 *First Semester* 3 *hours*

The aim of this course is to give an understanding in a reasonable degree of the evidence by which some of the most inter-

esting and really astounding propositions are maintained. Not given 1918-19.

3. MECHANICAL DRAWING I.

Prerequisite, Plane Geometry advised *First Semester* 3 *hours*

The principal subjects of this course are Geometrical Exercises, Lettering, Orthographic Projection and Inking.

9. MECHANICAL DRAWING II.

Prerequisite, 8 *Second Semester* 3 *hours*

This course continues the work of the preceding semester, studying Auxiliary Projections, Sectional Views, Revolution, true length of lines and Drawing from Description.

10. THE TEACHING OF MATHEMATICS.

Prerequisites, 1, 2, 4 *and* 6 *Both Semesters* 1 *hour*

For the working principles of this course, and a statement of additional prerequisites and requirements, see Education 11 and 12.

DEPARTMENT OF ORATORY AND SCHOOL OF EXPRESSION

Professor Charles Rush Layton

Assistant, Ferne Parsons Layton

The School of Expression has in view two departments—Public Speaking and Reading. Our first object is to stimulate clear and orderly thinking, cultivate the imagination, and develop the emotional nature. Our further aim is to enable the student properly and effectively to express his thought and emotion through the medium of the voice and body.

The inductive method of instruction is followed largely, making practice precede theory. Students are not taught to imitate, but to be themselves at their best. Naturalness, ease, complete mastery of the subject, conversational manner in delivery, well managed voice and gesture, putting the subject ahead and the speaker behind—these are the things that make up a good speech or a good interpretation of literature, and these are the things that we emphasize in our courses. The cultivation of the artistic in expression also is an ideal of the department.

The following courses are offered:

1. PUBLIC SPEAKING.

Fundamental Course *First Semester* 3 *hours*

Introduction to speaking and reading. Text-book, Lectures, Outside reading, Platform Practice, and Laboratory work. The purpose of this course is to help the student "find himself" as a public speaker. To think, to feel, to speak and interpret, are essentials of the work. The classes are conducted to meet the needs of the average college student and not the "elocutionary expert." Principles underlying vocal expression in speech are reached inductively as well as deductively. Along with the class room instruction, the student works over a number of practical exercises and thus is led to discover the laws necessary to self-criticism. Special instruction and drill will be given in breathing, voice, gesture and action as media of the execution of the principles of vocal expression. This course is a prerequisite for all other courses in the department. It is suggested that those who are particularly interested in public speaking take this course in their Freshman year. This course should be followed by Course 2, the second semester of the same year, in order to receive full credit for both courses.

2. PUBLIC SPEAKING.

Prerequisite, 1 *Second Semester* 3 *hours*

Continuation of Course 1. The work begun in the first semester will be continued and developed. The emphasis will be placed on original thinking and self-expression. The student will be introduced to argumentation and extemporaneous speaking in both principle and practice. Briefing and other vital principles of debating and speaking are given definite attention. Each student will participate in formal debates and extempore speeches before the class. Incidentally, this course lays the foundation for the more intensive work of advanced studies in Public Speaking; but primarily, it aims to develop the ability to think and talk well. Those who expect to try out for debating or oratorical contests should take this course in the Freshman year.

3. 3. INTERPRETATIVE READING.

Prerequisite, 1-2 *First Semester* 2 *hours*

Oral interpretation of masterpieces of literature. This involves a study for appreciation, and an analysis for the thought

and emotional meaning. This done, the problem is to convey the interpretation to others. Vocal culture and drill in Action. General culture artistic reading, public entertainment and greater appreciation of English literature are aims of the course.

4. ADVANCED INTERPRETATIVE READING.

Prerequisite, 3 *Second Semester* 2 *hours*

Continuation of course 3. Principles of analysis and interpretation are given careful attention. More difficult work is attempted than in the previous course.

5. EXTEMPORE PUBLIC ADDRESS.

Prerequisite, 1-2 *First Semester* 2 *hours*

Addresses for all occasions prepared and delivered extempore. This is a practical course and deals particularly with the kind of speaking that one is most frequently called upon to use. Gathering and compiling speech material and brief drawing are important factors in the work. A forceful and effective delivery such as appeals to the modern audience is promoted by persistent practice. Lecture and class methods used. Parliamentary procedure also is studied. Alternates with Course 8.

6. ORATORY AND ORATORS —SURVEY.

Prerequisite, 1-2 *First Semester* 3 *hours*

Study of the lives of great orators, their methods, and orations. Preparation and delivery of speeches on above material. Lectures, recitations, reports on collateral reading, and programs. A survey of oratory from the standpoint of history, literature, and practical speaking. Offered alternating years. Not given in 1918-19.

7. ORATORY AND ORATORS—RHETORIC.

Prerequisite, 1-2 *Second Semester* 3 *hours*

Study of the rhetoric of oratory. Preparation and delivery of original orations and addresses. The elements of conviction and persuasion are given special emphasis. Masterpieces of oratory are studied. One of the chief aims is original composition.

Students are not elgible to intercollegiate oratory unless they have taken or are taking this course.

8. ARGUMENTATION AND DEBATE.

Prerequisite, 1-2 *First Semester* 3 *hours*

Thought and Composition, and Delivery. Intensive study and application of the principles of argumentation. The logical processes of analysis and discrimination, evidence, proof, inductive and deductive argument, fallacies, refutation, etc., are given thorough consideration. The careful preparation of debate briefs is a feature of the course. The mastery of correct form and thought content is required. Each student participates in regular debates in which the thing sought after is clear and forceful presentation of well thought out argument. Alternates with course 5. Not given 1918-19.

9. SHAKESPEAREAN READING.

Prerequisite, 1-2 *Second Semester* 2 *hours*

Interpretation, Impersonation and Dramatic Technique. Thorough analysis, study of character, plot and incident of at least two standard plays, together with a careful expressional reading of the plays and memoriter rendition of the principal scenes. At least two additional plays will be read and studied outside of the class.

10. JUNIOR PLAY PRODUCTION.

Open only to Juniors *Second Semester* 2 *hours*

Acting possibilities of various plays are studied. Problems of play production are considered. Plays are read, reviewed, and interpreted. At least one play is presented to the public in costume. Literary values and the artistic expression of dramatic thought and emotion are aims of the course.

11. SENIOR PLAY PRODUCTION.

Open only to Seniors *First Semester* 2 *hours*

Same as above, but for more advanced students. Those who expect to coach high school or college theatricals should take courses in Play Production.

12. a. b. c. DEBATING SEMINARY.

For Debating Teams Only *First Semester* 1 *to* 3 *hours*

Open only to those who make the intercollegiate debating teams. The work consists of applying the principles of argumentation to important present-day questions. There is intensive work on one or two questions, selected for the inter-collegiate

debates. Lectures and round tables, assignments and reports, briefs, arguments and speeches. Debates between teams leading up to the intercollegiate contests. Since new questions are studied each year, students may repeat this seminary and receive additional credit.

13. a. b. c. DEBATING SEMINARY.

Prerequisite, 12 *Second Semester* 1 *hour*

Continuation of Course 12. Same methods pursued. Special study made of the results of the intercollegiate debates in order fully to assimilate the work of the first semester. Study and examination of various questions as possibilities for the next year's contest. Seminaries 12 and 13 require very much more time than average courses. No one should enter them who is not prepared to meet the requirement.

14. PSYCHOLOGY OF EXPRESSION.

Prerequisites, 1-2, *Psychology* 1 *Second Semester* 2 *hours*

A study is made of vocal and actional expression from the standpoint of the underlying philosophical principles. The how and why of elocution are studied not only to extend the knowledge and experience of the student; but also to stimulate his imagination and develop his personality. Collateral reading is required. Students who expect to specialize in this department, or who wish to prepare for teaching oratory, are advised to take this course in connection with or before entering upon the study of other advanced courses. Offered alternating years. Not given 1918-19.

16. ADVANCED ORATORY.

Prerequisite, 7 *First Semester* 1 *hour*

Continuation of course 7. Open only to intercollegiate orators.

17, 18. THE TEACHING OF PUBLIC SPEAKING AND ORAL ENGLISH.

By Permission *Both Semesters* 1 *hour*

A course in the observation and practice of the teaching of public speaking and oral English, especially adapted to meet the growing interest in these subjects in high school work. For the working principles of this course, and a statement of addi-

tional prerequisites and requirements, see Education 11 and 12. Offered alternating years.

19. ADVANCED PUBLIC SPEAKING.

By Permission *Second Semester* *2 to 3 hours*

Preparation and delivery of one extended address or lecture. Detailed survey of Webster-Hayne, Lincoln-Douglas, and Beveridge-Hoar debates. Reproduction of famous platform addresses and lectures. Review of the history of oratory. Study of the qualities of an effective speech. Lectures, reports, and discussions.

Open only to students who have shown ability in speaking and reading, and who receive permission or invitation. Offered on request.

20. ORATORY SEMINARY.

By Permission *Second Semester* *2 hours*

Open only to advanced students who receive permission. An intensive study is made of some phase of oratory. Research in writings on the subject of oratory, or in the field of oratorical literature, or in the biography and method of a few great orators —are among the possibilities. New light on the subject of oratory is the aim of the seminary. Offered on request.

30. LITERARY ANALYSIS AND INTERPRETATION. (Private Work.)

By Arrangement *Either Semester* *Discretionary*

This course will be adapted to the individual needs of the student. A definite schedule and course of study is pursued leading to definite ends. An hour of recitation in this course requires about three times as much preparation as an hour in an average class course. A given amount of work, satisfactorily covered, is required for credit in private lessons. Credit is given at the discretion of the instructor. Students measuring up to the requirements will receive 1 hour semester credit for eight private lessons of one hour each. In order to receive credit, however, the work should be pursued consecutively, with at least one lesson per week throughout a semester. Exception may be made to this ruling in unusual cases. An examination is given at the end of each semester.

Semester credit for 16 one-hour lessons, 2 hours. For 32 one-hour lessons, 4 hours, etc.

At least 6 hours of credit in private work are required for graduation in oratory. For the average student 8 hours may be required. A part of the work of this course is the preparation of public programs and a graduation recital. If an ambitious work is undertaken, additional private lessons will likely be necessary.

Tuition for Private Lessons

Two *one-hour* lessons per week, per semseter . . . $35.00
One *one-hour* lesson per week, per semester 20.00
Single *one-hour* lesson 1.50

Note.—All of the courses in this department are elective but no one can enter any of the higher courses without having had Course 1. In exceptional cases, by special permission, a student pursuing Course 1 may be admitted to some of the advanced courses.

GRADUATION.

A "Diploma in Oratory" is granted to those who fulfill the requirements of the Department for graduation from the School of Expression. At least thirty-two hours of Oratory work are required. The prescribed courses are as follows:—1, 2, 3, 5 or 8, 6 or 7, 9 or 10, 14, 17-18, and 21. The remaining hours are elective, subject to the approval of the Department. Candidates for the oratory diploma are asked to take as many of the additional elective courses as possible.

The diploma course also requires each student to prepare two full programs for public recital and a graduation recital. The graduation recital may consist of selected readings, or an original adaption of one standard work of fiction, or a lecture-recital of a standard play (preferably Shakespearean), or an extended address.

Each candidate for graduation is required to submit to the Faculty, one month before the date set for the Commencement, an original thesis of not less than 3,000 words on a theme relevant to the work of the Department and approved by the professor in charge. When accepted, a typewritten or printed copy must be left with the head of the Department.

No student will be granted a diploma from this Department who has not a bachelor's degree or its equivalent.

DEPARTMENT OF PHILOSOPHY

Professor John Coleman

1. GENERAL PSYCHOLOGY.

Sophomore *First Semester* 3 *hours*

A study of the laws and phenomena of mind and the related physiological activities. The development of habit, memory, and the imagination, and the nature and functions of instincts, emotions and will are considered.

2. SOCIAL PSYCHOLOGY.

Junior. Prerequisite, 1 *First Semester* 2 *hours*

A scientific study of the social factor in the development of the mind and explanation of its contents, leads to the consideration of many social questions from a new viewpoint that is both interesting and enlightening. Reports required on outside reading.

3. INTRODUCTORY EDUCATIONAL PSYCHOLOGY.

Freshman *First Semester* 3 *hours*

For a description of this course, see Education 13.

4. EDUCATIONAL PSYCHOLOGY.

Sophomore. Prerequisite, 1 *Second Semester* 3 *hours*

For a description of course, see Education 2.

5. PSYCHOLOGY OF EXPRESSION.

Junior. Prerequisite, Psychology 1 *First Semester* 2 *hours*

For a description of this course, see Oratory 14.

6. ETHICS.

Senior required *First Semester* 3 *hours*

The aim of this course is to ascertain the field of responsibility, the elements of the moral nature, the true foundation of virtue, and from these to form an adequate conception of duty. An effort is made to show by induction from concrete cases as well as on philosophical grounds the sufficiency of the Christian standard of morality and its solution of the marginal questions of practical life. Outside readings.

7. HISTORY OF PHILOSOPHY.

Junior or Senior. Prerequisite, 1 *Second Semester* 4 *hours*

A study of philosophical theory from the time of Thales to the present day. Special attention is paid to the interaction of

philosophical development and social conditions; also to the fundamentals which philosophy supplies to psychology, sociology, ethics, educational theory, and the physical sciences, given alternate years. Not given in 1918-19.

8. PROBLEMS OF PHILOSOPHY.

Junior or Senior. Prerequisite, 1 *Second Semester* 4 *hours*

Given in alternate years with the preceding with a view to supplying those desiring it with a full year's work in philosophy. The various problems such as the nature of being, the problem of knowledge, human freedom, etc., are considered with an effort to give the student a philosophical basis for theoretical and practical life. Given in 1918-19.

9. PHILOSPHY OF THEISM.

Senior *Second Semester* 2 *hours*

Whether he intends it or not everyone has a more or less consistent world view of which his religion is a vital factor. This course presents the postulates of the world view of Christian theism concerning the nature of God and man and the problems of evil and redemption from it, of progress and the future.

10. EVIDENCES OF CHRISTIANITY.

Senior *First Semester* 2 *hours*

Th object of this course is to present the most generally accepted evidence of the fact that Christianity is a divinely revealed religion. The arguments for the authenticity and credibility of the Bible, and the arguments from miracles, prophecy, the fruits and the spread of Christianity are examined.

11. GENETIC PSYCHOLOGY.

Sophomore. Prerequisite, 1 *Second Semester* 3 *hours*

For description of this course, see Education 3.

DEPARTMENT OF PHYSICAL EDUCATION

FOR MEN

The purpose of this department is to build up a sound, healthy body at the same time the intellect is being developed.

The care and development of the body is so essential to the success of the student after he has finished his education, that a habit of physical exercise is cultivated by requiring all Freshmen

and Sophomores to enroll in this department. Four credit hours are entered on the Registrar's books for the two years work, but may not be counted toward a degree. Arrangements are to be made so that every student thus enrolled shall have a physical examination by a competent physician. Statistical cards with record of measurements are to be filled for each student so that progress of development may be noted. The following courses are offered:

Freshman Year.

1. MEN.

Free hand exercise, dumb bells, parallel bars; games such as Basket Ball, Volly Ball, and Hand Ball.

2. MEN.

Indian Clubs, Tumbling; Games such as Hand Ball, Basket as Basket Ball, Volley Ball, and Hand Ball.

Sophomore Year.

3. MEN.

Parallel Bar, Tumbling Pyramids; Games such as Foot Ball, Basket Ball and Hand Ball.

4. MEN.

Gymnastics, Tumbling, Side Horse, Springboard and Mat. Outdoor exercises, track athletics, Base Ball.

MILITARY TRAINING.

Military training is now given and will be continued at least during the period of the war.

FOR WOMEN.

Director, Ferne Parsons Layton.

The motto of this department is "Health and Happiness," based upon the belief that health leads to happiness and exercise to health. The aim is to secure a symmetrical development of the body; to interest the student in the laws of health and development; to give such exercises as will promote bodily vigor and vitality; and at the same time to give freedom from awkwardness and self-consciousness, thus securing poise, ease and precision of movement.

Two hours per week are required of all Freshmen and Sophomores. Four credit hours are entered on the Registrar's books

for the two years work, but may not be counted toward a degree.

Out-door Work—Out door sports are one of the special features of the work. Instruction is given in Tennis, Indoor Base Ball, Volley Ball and other out-door games during the open season.

In-door Work—Instruction is given in Basket Ball, recreative and disciplinary games for the school room and play ground. Folk dancing as a form of spontaneous self-expression and recreation is given considerable time. Lectures on Personal Hygiene, the reading and taking notes from such books as will tend to ground the student in Hygiene, First Aid, and kindred subjects.

General Gymnastics.

General Gymnastics for personal improvement includes Indian Club, dumb-bell, grace and wand drills, breathing exercises, flexing exercises to overcome stiffness for those students found defective. Also exercises that specially develop control of the muscles, and at least one complete set of exercises for all the muscles of the body and for each joint. The last exercises are required that the student may have a practical and definite knowledge with which to continue her development after leaving college. In addition each student is required to keep a note book containing description of her work and notes on the assigned reading during the year. These note books are graded and corrected at least once a semester.

At the close of the year, students distinguishing themselves in this work are made "Student Aids." This gives them practical training in leadership, teaching, and organization.

DEPARTMENT OF PHYSICS

Professor John Glenn Lowery

The courses offered in Physics are designed to meet the requirements,

(1) Of those who pursue this subject as a part of a liberal education.

(2) Of those who wish a thorough preparation for the teaching of this subject in secondary schools.

(3) Of those who are looking toward a higher degree in science courses, and

(4) Of those who expect later to enter professional technical schools.

1-2. GENERAL PHYSICS.

Prerequisites, Mathematics 1-2; 1 *unit of Physics.* *Both Semesters* 4 *hours*

A general survey of the fundamental principles of Physics, emphasizing the historical development of the science and the principles of it as they are related to and underlie the facts and phenomena of daily experience, not imparting information merely but setting before the student a large and compact body of truth obtained by a method that shall remain for him through life a pattern of clear and correct thinking.

a. *Mechanics, Properties of Matter, and Heat.* Recitations on theory and problems, accompanied by demonstrations and lectures; laboratory exercises by the students to exemplify and verify the theory, affording at the same time valuable experience in the manipulation of apparatus. Text, Kimball's "College Physics." Class work four hours. Laboratory two hours.

b. *Magnetism and Electricity, Sound and Light.* This is a continuation of the above classroom and laboratory work.

3-4. GENERAL PHYSICS.

Restricted Elective *Both Semesters* 3 *hours*

This is a descriptive and applied course in physics, covering the fundamental facts and principles of general physics, under a treatment that is descriptive rather than mathematical. This course lays emphasis on the practical application of the principles studied, as they are found in the household and the work-a-day world. The method of the course combines lectures, demonstrations, recitations, and laboratory work. Two double periods per week throughout the year. Students taking the degree of Bachelor of Science, except students in Home Economics, may not take this course as a substitute for Physics 1-2.

5-6. THE TEACHING OF PHYSICS.

Prerequisites, 1-2; *Chemistry* 1-2 *Both Semesters* 1 *hour*

This is a training course for those who expect to teach Physics in secondary schools. Students prepare demonstrations, assemble laboratory apparatus, and assist in the oversight and

direction of laboratory sections assigned them. One hour per week is devoted to a consideration of important topics of the subject matter, to the pedagogy of the subject, and to equipment, texts, etc. ' See Education 11 and 12.

DEPARTMENT OF ROMANCE LANGUAGES

Professor Mary Sharp
Assistant, Mary Elizabeth Stewart

1-2. FRENCH I.

Beginner's Course *Both Semesters* 4 *hours*

This course is conducted entirely in French from the start. In the first semester, Mera's "Le Premier Livre" is completed; and in the second, Mera's "Le Second Livre" and also "Petits Contes de France." The students are drilled daily in pronunciation, grammar, and conversation. By use of objects, pictures, etc., a practical vocabulary is systematically built up to supplement the vocabulary of the text.

3. FRENCH II.

Prerequisite, 1-2 *First Semester* 4 *hours*

Review of Grammar. Francois' "Introductory Prose Composition", Part I. completed. Rapid reading of a number of text books, such as "L' Abbe Constantin, La Chute, Madame Therese," etc. Conversation, dictation.

4. FRENCH II.

Prerequisite, 3 *Second Semester* 4 *hours*

Francois' "Introductory Prose Composition," Part II. completed. Dictation. Ten Stories by De Maupassant. Lesage' "Gil Blas," etc. Outside readings required. Recitation conducted in French.

5-6. REPRESENTATIVE POETRY. ADVANCED FRENCH PROSE.

Prerequisite, 4 *Both Semesters* 3 *hours*

A study of the longer poems of De Musset, Hugo, Lamartine, etc. Plays of Moliere and Corneille, "L'Histoire de La Literature Francaise," Duval. Weekly themes. Conversation.

1-2. SPANISH I.

Beginner's Course *Both Semesters* 3 *hours*

Texts, Espinosa and Allen's "Spanish Grammar" and Wilkin's and Luria's "Lecturas Faciles."

3-4. SPANISH II.

Prerequisite, 1-2 *Both Semesters* 3 *hours*

A course in second-year Spanish will be arranged for the year 1918-19, if there is sufficient demand for it.

DEPARTMENT OF SOCIOLOGY—(See Government)

DEPARTMENT OF SPANISH—(See Romance Languages)

SCHOOL OF ART

Miss Sara Allison Gray, B. S.

The training of the eye and of the hand is an important part of a finished education, and should not be neglected. That knowledge of form and color which should be developed in all students may best be attained through a course in Drawing and Painting. For the accomplishment of these ends, the School of Art offers the following courses:

1. FREE-HAND DRAWING.

The work in Drawing embraces Pencil, India Ink, Crayon, Charcoal, and all Black and White work. The work is given in two years.

First Year—Drawing in outline from objects, nature and sometimes from the flat copy, from casts, and from still life.

Second Year—Study in charcoal from life, color study from still life, life and nature.

2. PAINTING.

The course in Painting includes landscape, fruit and flowers in oil, pastel, and water-clors, and also includes china-painting in convential and naturalistic designs.

Tuition per semester

Painting, 12 hours a week	$15.00
Painting, 6 hours a week	8.00
Free-Hand Drawing, 3 lessons a week	5.00

SUMMER SCHOOL

PURPOSE OF THE SCHOOL

Muskingum College, recognizing the need of those who are unable to attend college through the year or who wish to hasten the completion of their course has maintained, for many years, a well organized Summer School. The work done may be divided into four classes as follows:

I. Elementary Normal Work.
II. College Normal Work.
III. High School Work.
IV. College Credit Work.

The first prepares the student for admission to the county examination. For the year 1918, eighteen weeks is the minimum requirement.

The second presupposes a first grade high school education and one year gives the student a county certificate without examination.

The third class of work gives opportunity to high school students to make up work and hasten their graduation.

The fourth class of work is for those who find it necessary, for one reason or another, to do a part of their college work during the summer.

THE NORMAL COURSES

The Muskingum Summer School is on the recognized list of the State Superintendent of Public Instruction, whose specific requirements will be met.

The Normal work of the Summer School is designed to meet the needs of those who are teaching or contemplating teaching and who desire a thorough drill in the Common Branches and methods of teaching them. It is also the aim of the College to make this work of such standard as to be credited a part of the regular Normal training courses. The work is presented in such a way as to give a thorough drill in the subject matter. At the same time present methods of teaching receive strong emphasis. Subjects in Education and School Administration and School Methods form a prominent part of the work.

MODEL SCHOOL AND METHODS

The work of all grades of the elementary school will be presented by means of the Model School, Demonstration Teaching, and General Methods. Grading and Classification of pupils will receive attention; also Story Telling, Busy Work, Dramatization, Drawing, Reading, etc. The instructors in this work are carefully chosen. They bring to the work a thorough professional training combined with an unusually successful teaching experience.

The courses in the Model School cover the work of the lower, middle, and upper grades. In addition, attention should be called to such courses as Industrial Art, Public School Drawing, Public School Music, Penmanship, etc. For a full description of courses offered, the summer school bulletin should be consulted.

HIGH SCHOOL AND ACADEMY SUBJECTS

A long list of courses in the field of secondary education is offered. For the year 1918 courses in the following subjects will be offered: Algebra, Geometry, Arithmetic, Latin, German, French, History—American and European—, American and English Literature, Rhetoric, and Physics. In several of these subjects more than one course will be organized. It is the aim to satisfy the needs of all. An adequate faculty has been arranged for to accomplish this purpose. Courses will be adjusted to the demand.

COLLEGE SUBJECTS

Many teachers desire to complete their educational requirements for a state life certificate. Others wish to complete their work for a degree. The Muskingum College Summer School offers a splendid opportunity to do such advanced work. In the eight weeks, nine hours of college credit can be secured. Such courses as the following are offered: High School Methods, School Organization and Law, History of Education, Principles of Education, Psychology, History of Elementary Education, Economics, Political Science, Sociology, Chemistry, Latin, French, German, Biology, English Composition, Survey of English Literature, Public Speaking, etc. A full description of these courses will be found elsewhere in this catalogue. High school teachers who have not yet secured their degree are particularly

urged to make use of this opportunity. Never has there been a time when there was such a demand for the college graduate, not only in the teaching profession, but in all others. We invite correspondence with reference to any college subjects desired during the summer term. Effort will be made to satisfy the needs of all.

THE CONSERVATORY OF MUSIC

The regular work along this line will be offered during the Summer School. This work consists of regular private lessons in Piano, Voice, Pipe Organ, Violin. In addition, classes will be organized in Harmony, Musical History, Public School Music and Chorus.

Occasionally there will be student recitals, open to the public. Term recitals, orchestra, song and piano recitals by the teachers, etc.

SPECIAL ANNOUNCEMENT FOR 1918

The repeal of the Danford law made it necessary for many teachers and prospective teachers to secure eighteen weeks of normal training during the spring and summer of 1918. To meet this need the college has provided for eighteen weeks of normal training beginning April 29th. This work is divided into three terms of six weeks each. The first term begins April 29th, the second June 10th, and the third July 22nd. This work will be under the direction of capable instructors and is worthy the favorable consideration of the teaching profession. From four to five hundred teachers are expected to take advantage of this opportunity this year. The courses offered will cover the whole field of normal instruction and will thoroughly satisfy the needs of all. The high school and college work of the summer school will begin June 10th and run eight weeks as usual.

TUITION AND OTHER EXPENSES

TUITION

Normal Subjects for Six Weeks Term	$10.00
Normal Subjects, Twelve Weeks	18.00
Normal Subjects, Eighteen Weeks	27.00
High School Subjects for Eight Weeks	12.50
College Subjects, Eight Weeks	15.00
Applied Music, six weeks, one lesson per week	$ 6.50
Applied Music, six weeks, two lessons per week	12.00
Applied Music, six weeks, three lessons per week	17.00

Music Science, six weeks 4.50

Children's tuition in proportion. (See regular catalog.)

A small laboratory fee will be charged in Physics, Chemistry and Domestic Science.

Special tuition is charged for private lessons in Music and Elocution. No extra tuition is charged for any other courses.

BOARD AND ROOMS.

Nearly all students board in clubs, which is cheaper than private boarding. They live just as well and the summer is made pleasanter socially by the acquaintanceship formed in the clubs. The Faculty of the Summer School will gladly arrange for rooms and boarding for students, ahead of their arrival. Members of the Faculty will meet all trains when the students are arriving in order that all may be provided for.

Furnished rooms, per week.....75c to $1.00
Board, per week .....$3.00 to $4.00

The Conservatory of Music

FACULTY

J. KNOX MONTGOMERY, D. D., President.

EDWARD HENDEE FREEMAN, Director
Pianoforte, Organ, Composition, History of Music

ALBERT EDWIN HOSMER
Voice, Sight Singing, Chorus

WILLIAM WISHART GRAY
Violin, Orchestra

ESTELLA McCARTNEY
Pianoforte, Kindergarten

AIMS

The aim of the Muskingum College Conservatory of Music is to foster a love for good music, to give its students the advantages of the best professional training, to form habits of industry and perseverance and love for the exact truth; and in these and other ways to exert a beneficial influence upon her students and the entire section from which they come.

Music requires much special study; and a full, and well-trained mind must be brought to bear upon the interpretation of master works both ancient and modern. In order to do this a thorough knowledge of the theoretical side of music is necessary as well as extended technical training.

The Conservatory of Music is an integral part of the College, the social and intellectual life of which the students enjoy.

PLAN OF INSTRUCTION

The general plan of instruction is similar to that of the best European and American Conservatories. Complete courses are offered in Pianoforte, Pipe Organ, Voice, Harmony, Counterpoint, Canon, Fugue, Analysis, Composition and History of Music. Courses are also offered in Chorus Singing and Ensemble.

Students are free to enroll in special courses or for a prescribed course leading to a diploma of graduation which is granted by the trustees of the College. The prescribed course includes all the courses in theory (Music Science hereinafter described)

and special courses in two subjects, one of which must be piano and the other singing, violin or organ.

Not only in class work, but in public recitals, candidates must show a high degree of proficiency in one of the subjects chosen and a fundamental knowledge of the other. In this minor subject, at least two years' work will be required.

Candidates for a diploma must present credits of a course of literary study, equivalent to that of the college entrance requirements, as set forth in the Muskingum College Catalogue. Candidates for a diploma are also expected to attend literary society, and the students taking two hours work a week in the Conservatory are allowed one college subject besides Bible.

To graduate, a student must maintain an average of 70 per cent. or above in each course taken.

Students not taking the course leading to a diploma are permitted to enter the Conservatory at any time and pursue such studies as they may desire. When such a student leaves the institution a certificate will be given showing the amount of work done, provided that not less than one semester's work has been satisfactorily completed.

REGULATIONS

All Conservatory students are subject to the regulations of the College, which are few and simple, appealing to the student's self-respect and personal responsibility. Students not amenable to this mode of discipline are not permitted to remain in the institution.

All matters of business connected with the Conservatory must be transacted at the Conservatory office. The Director may be consulted there at stated periods each day.

Students may begin at any time, but will not be enrolled for a shorter period than the end of that semester in which they register.

Tuition must invariably be paid in advance to the College Treasurer, and no deduction will be made for absence from lessons, except in the case of prolonged illness of not less than two weeks' duration, when the loss will be shared equally with the student.

Students entering after the opening of the semester will be charged pro rata except that no allowance will be made for absence from the first week of any semester. Also, no rebate will

be made to students for the last week of the school year. Lessons occuring on holidays will not be given.

In case of expulsion from the Conservatory no money will be refunded or certificate of credit be allowed.

Pupils are required to attend their lessons regularly at the appointed hour. Attendance at lectures, recitals, concerts, etc., is considered a part of school duties. All students in the Conservatory are required to attend Choral Society, unless excused by the Director.

All College students should consult with the Director as advisor in their courses of study for each semester.

Students are not permitted to take part in public musical performances outside the Conservatory without the permission of the Director. This does not include the regular meetings of the Literary Societies.

Unsatisfactory work, bad conduct, or unpaid bills may subject the student to dismissal at the discretion of the Faculty.

CLASSIFICATION AND CREDITS

Hour for hour credits to the number of ten will be given in the college for theoretical work done in the Conservatory where two lessons or more per week are taken.

Students will not be classified in the Conservatory until they have satisfactorily given their Junior Program.

Four years of the course outlined below, together with the required theory is required for graduation, but this must not be understood to mean that graduation invariably follows four years' work, nor does it mean that a student is dull or lacking in talent if more time is required to complete the course. Musical talent shows itself in such various ways and under such different forms that it is impossible to predict the exact length of time required to graduate.

The following is only a rough estimate:

COURSES OF STUDY

PIANOFORTE

A systematically developed technical foundation is the first requisite in modern pianoforte playing. This is accomplished by the use of carefully selected and graded technical exercises, which are designed to give control to the muscles of the fingers, hands, and arms, making them responsive to the commands of

the will, without which artistic results cannot be attained. At the same time the musical and aesthetic development of the student receives the most careful attention.

First Year

Free Technic (hand development), including Scales, Arpeggois, etc. Studies by Gurlitt, Berens, Loeschorn, Kohler, etc. Sonatinas and pieces by Lichner, Diabelle, Reinecke, and others.

Second Year

Technics continued. Etudes by Duvernoy, Heller, Kohler, Krause, Bach, Little Preludes and Fugues, Sonatas by Clementi, Kuhlau and others. Graded Solo pieces.

Third Year

Technics continued. Etudes by Czerny, Doring, Krause, Bach, Inventions. Sonatas by Haydn, Mozart and others. Solo pieces by modern composers. Two lessons per week required in Junior year. Junior Recital in Major Subject.

Fourth Year

Advanced Technics. Etudes by Czerny, Clementi, Tausig, Philip, Bach Well Tempered Clavier. Sonatas by Mozart and Beethoven. Solo pieces by classic and modern composers. A Concerto, Senior Recital in Major subject. Two lessons per week required in Senior Year.

VOICE CULTURE

True cultivation of the voice consists in the correct development of pure tone placement, and its easy and natural use and control in singing. In order to accomplish this, two things are of the utmost importance: Correct use of the breath, and proper support of the tone by the muscles of the body. A higher ideal is aimed at than the perfection of mere mechanical skill, viz; a musicianly style of singing and all that is implied in the term "Interpretation." together with a thorough appreciation of the best works of the masters, both old and new.

The time required to finish the course will depend largely upon the physical and mental endowment of the student, and the amount of work done before enrollment in the Conservatory.

First Year

Breath exercises, Tone formation, Vowel studies, study of liquids, consonants and mutes, equalization of registers, purity of intonation. Vocalizes by Abt, Siber, Concone, etc. Easy songs by German, English and American composers.

Second Year

Studies in Legato, Staccato, Phrasing, etc. Vocalizes by Concone and Marchesi. Songs, Ballads, Sacred Music.

Third Year

Studies in Major and Minor Scales, Turns, Trills, Arpeggios. Colorature Exercises, Vocalizes by Panofka and Marchesi, Songs of modern difficulty by Classic and modern composers. Two lessons per week and Junior Recital in Major subject.

Fourth Year

Chronic Scales, Turns, Trills, Arpeggios (Legato and Staccato) with increased rapidity of execution. Vocalizes by Panofka and Marchesi continued. Arias and Cavatinas from French, German and Italian Operas. Senior Recital in Major subject. Two lessons per week are required in the Senior Year.

VIOLIN

The Violin department has a very important place in the work of the Conservatory. Students are given a thorough training in technic and interpretation. In the elementary work particular attention is paid to the manner of holding the violin and the bow as well as to the general position of the student while playing. A graceful natural method is insisted upon. The ear is developed so that the student conceives and plays all the harmonies of our musical system.

As soon as the students are sufficiently advanced they are admitted to the Conservatory Orchestra.

First Year

Exercises for bowing and fingering, scales, arpeggios, etudes by Wichl, Dont, Hohman, Wohfart, easy pieces and duets by Papini, Weiss, Dancla, etc.

Second Year

Study of the first five positions on the basis of finger exercises. Etudes by Jayser, Cevik, Florillo, Kreutzer. 42 Celebrated studies begun. Solos, Duets by Dancla, Deberiot, Raff, Spohr and others.

Third Year

Finger exercises, Scale and Chord studies in single and double stops in all positions. Kreutzer, 42 Celebrated Studies continued. Bach preluded with 40 different bowings. Concert studies by Deberiot, Weiniawsku and others. Two lessons per week and Junior Recital in Major subject.

Fourth Year

Advanced Technics by Cevik, Florillo, Rhode Caprices, Concert Studies by Spohr and Rode, Sonatas by Bach, Mozart, Haydn and Beethoven. Compositions from various schools of violin music. Senior Recital in Major subject. Two lessons per week required in Senior Year.

ORGAN

The already great and ever-increasing need of competent well-trained organists for the churches and schools of our country leads us to give this department special prominence.

Excellent facilities are provided for enabling students of talent to prepare themselves fully for responsible positions as church and concert organists. The plan of work provides for thorough training in all that pertains to a mastery of the organ, a systematic drill in technics for manuals and pedals separately and combined, vocabularies, registration, etc.

The College possesses two excellent pipe organs for practice, teaching, and concert purposes.

First Year

Studies for pedals and manuals, separately and together, the same transposed into all keys. Manual exercises in three, four, and five parts, with and without pedals. Special Pedal Technics practiced at various tempos and in all keys. Merkel or Dunham Organ School throughout the year with easy Solo pieces.

Second Year

Pedal Studies by Thayer and Merkel, Rheinberger and Schneider Trios, Bach Little Preludes and Fugues begun. Solo pieces by classic and modern composers. Accompanying the plain song.

Third Year

Reimann and Armbrust Pedal and Manual Studies, Merkel Etudes, Richter Organ Trios, Bach Little Preludes and Fugues

completed. Bach Trio Sonatas begun. Sonatas and selected pieces by European and American composers. Study of Organ Stops and Registration, Art of Accompanying continued. Two lessons per week and Junior Recital in Major subject.

Fourth Year

Lemmens' Organ School, Clemens' Modern Pedal Technic, Bach Trios continued, Bach Great Preludes and Fugues begun, Sonates by Markel, Mendelssohn, Rheinberger, and Guilment, Selected Solo and concert pieces from the various schools of organ composition. Study of the organ mechanism. Two lessons per week required in the Senior year.

THEORY OF MUSIC

To the student the accurate knowledge of the laws of harmony and composition is of the utmost importance. Without this knowledge, no student can truthfully be said to be well educated and cultured in music, nor can he hope to become any other than a performer dependent upon the superior knowledge of his teacher. Recognizing the absolute necessity of a thorough education in this the *Science* of music, the Conservatory insists upon an exhaustive study in this indispensible requisite.

The scientific course may be had privately at the regular applied music tuition rate. In this case the work may be completed in a much shorter time.

COURSES IN THEORY OF MUSIC.

Courses I. and II. Harmony, Notation, Scales, Keys, Signatures, Intervals, Triads and Chord correction, harmonizing given bases and melodies, chord of the dominant seventh with all of its inversions, secondary triads in major and minor with their inversions, dominant major and minor ninth, modulation, begun work at the piano, ear training. Two hours per week throughout the year.

Courses III. and IV. Harmony, secondary seventh chords in major and minor, chromatically altered chords, enharmonic changes, the suspension retardation, appoggiatura, anticipation, passing tone, embellishment, melodic, figuration, florid melodies, accompaniments, the figured chorale, original work, ear training. Two hours per week throughout one year.

Course V. Counterpoint. Simple counterpoint in the five species in two, three, four and five parts with combinations of

these species. Prerequisites: Courses I, II, III, IV. Two hours per week for one semester.

Course VI. Strict Composition. Writing in all the Contrapuntal forms, beginning with the phrases in Double Counterpoint and ending with a fully developed Fugue. Prerequisite: Course V. Two hours per week throughout one semester.

Course VII. Harmonic Analysis. Thematic and tonal structure of the section, phrase, and period. Binary and Ternary forms. Analysis of Beethoven Sonatas. Prerequisite: Course IV. Two hours per week throughout one year.

Course VIII. General Theory. The course includes musical rythm, tempo marks, abbreviations of notation, embellishments, musical forms, as the suite, sonata, the overature, concerto, symphony vocal forms, including the mass, aria, vocal rondo, strope form, art song, contrapuntal forms and modern dance forms. Acoustics, overtones, tempered scale, the orchestra and its instruments. Two hours per week for one semester.

Courses IX and X. History of Music. The development of music will be traced from primitive forms, including the music of the Congo tribes in Africa, Chinese, Hindoos, and American Indians through the music of the ancient Greeks to that of modern times.

In the second semester the development of the classic and romantic schools and the growth of the opera and oratorio are studied, together with the lives and works of composers and musicians of note, including those of today; the course is supplemented by musical illustrations to show the general characteristics of the periods under discussion. A considerable amount of outside reading is required. No previous musical knowledge is required. Two hours per week throughout one year.

PUBLIC SCHOOL MUSIC

The normal course in Public School Music, which is offered throughout the school year, is designed not only to prepare a teacher to take charge of the music in a public school, but to fit him to become a leader in the musical activities of his community.

The work of the first semester includes a thorough course in Terminology and Notation, Rythm, Meter, Pitch, Tempo, etc., with an abundance of sight-singing, the material used being the best of such music readers as are at present used in school work,

Those who pass a satisfactory examination in the work of this semester are admitted to the second semester class which embodies a presentation of methods of teaching school music in the various grades and high schools. A study of the child voice is also made in the work of this semester. The aim is to give the student a broad outlook on the while field, training him to think and judge for himself.

Our students have opportunity of observing the courses in actual practice in the New Concord schools by visiting the various grades in company with the teacher, as our instructor is also Supervisor in these schools.

CHILDREN'S PREPARATORY COURSE

That the Conservatory may serve the people of New Concord and vicinity in every way possible, two preparatory courses in piano and violin are offered. In the more elementary course children are received up to and including 10 years of age. Very careful attention is given to mastery of rudiments of music, position of fingers, hands and arms, scale formation, ear training, etc.

In the second and more advanced course their musical development is continued until they are ready to enroll as regular students. No student fifteen years of age or over is permitted in this course.

MUSICAL KINDERGARTEN

The Conservatory offers to small children of the district a one year course in musical kindergarten under an experienced graduate teacher. In this course children are taught by kindergarten methods, the names of the lines and spaces with their position on the keyboard, scale construction, etc. In short, the course prepares them for the first regular lessons in Piano.

MUSICAL ORGANIZATIONS

The Conservatory maintains the musical organizations usually found in the best conservatories, as the Choral Society for the study of Oratorio, singing only the highest class of anthems and oratorio choruses, at the monthly union services in the auditorium; the Conservatory Orchestra for all who play sufficiently well upon any orchestral instrument, and the boys and girls Glee Clubs which contribute so strongly to the musical life of the institution.

RECITALS

In order that the students of the institution may have the opportunity of deriving the benefits to be obtained from hearing good music well rendered, a number of artists' recitals by visiting musicians and the Faculty are arranged throughout the school year.

PRACTICE

Pianos for practice in private homes may be secured at reasonable rates by application at the Conservatory office.

The College owns two excellent pipe organs for practice, lessons, and concert purposes. The larger one placed in the auditorium and built by M. P. Moller of Hagerstown, Md., has two manuals, a pedal board extending to tenor G, twenty stops, eight couplers and all modern conveniences and accessories.

TUITION AND FEES

The following rates are for each semester:

Piano, Organ, Voice, Violin.

Two lessons per week,	One lesson per week,
$35.00	$20.00

Musical Science.

Courses I to VII, inclusive, each	$12.00
Courses VIII, IX, X, each	9.00
Choral Society	2.00

Childrens' Piano Classes.

Kindergarten classes, per semester	5.00
Up to 11 years of age, 2 lessons per week	$10.00
Up to 11 years of age, 1 lesson per week	6.00
Eleven to fifteen years of age, 2 lessons per week	15.00
Eleven to fifteen years of age, 1 lesson per week	9.00

Beginning fifteen years of age at regular rate.

Piano and Organ Rent.

Piano, one hour each day	$3.00
Organ, one hour each day	15.00
College incidental fee	5.00
Diploma Fee	2.50

Muskingum Academy

FACULTY

JOHN KNOX MONTGOMERY, D. D., President

JOHN GLENN LOWERY, M. S., Principal

THOMAS HOSACK PADEN, Ph. D.
Latin and Mythology

JEANETTE REED, M. A.
Latin

MARY ELIZABETH STEWART, A. B.
German and French

MARY AUGUSTA STONE, A. B.
English

BESSIE LAING, A. B.
English and History.

REGINA ELISABETH PETRICH, B. S.
Science

SARAH ELIZABETH BAGGS, A. B.
Mathematics

MARGARET LAWRENCE, A. B., B. S.
Domestic Science

BERTHA ROTHERMAN
Music

Laboratory Assistants
FRANK P. WILSON
SUSANNAH AIKEN McKEOWN

GENERAL INFORMATION

HISTORICAL STATEMENT

This school had its beginning about a century ago. In 1825 a group of citizens founded a school "to give instruction beyond the common schools" and named it the New Concord Academy. In 1837 this school extended its course and was chartered by the General Assembly of Ohio as The Muskingum College, the work of the former academy being continued as the Preparatory Department of the college. In 1908 the preparatory courses were recognized as fully accredited secondary courses and the college

authorities authorized the conducting of formal graduating exercises and the issuing of diplomas.

NEW CONCORD HIGH SCHOOL

The Board of Education of New Concord Village, desiring to give to the resident pupils and to the Boxwell pupils who choose to attend, under the provisions of that law, a good first grade high school course, has made this school, its courses and equipment, the village high school. The Board has elected the Academy teachers as the high school teachers and adopted suitable rules and regulations to have the high school work done in the college buildings.

AIMS AND ADVANTAGES

The aims of this school are: First, to afford a liberal education of four years for those who may not find it possible to complete a college course. Second, to give thoro preparation for those who wish to enter colleges, professional or technical schools.

The advantages offered by this school to those who find it necessary to go away from home to take a high school course are great. It is a fully accredited Secondary School—the equal of the very best high schools. Experienced and well prepared teachers have charge of the work The college equipment and library being accessible for the work adds fullness to the courses. And, not the least important, is the opportunity for a look beyond the high school course. The big question that confronts the young people as they are completing their high school course is, What Next? What line of work shall be taken up? The student who is taking his preparatory course in the environs of a college has splendid opportunity to see something of the requirements of quite a variety of worthy callings. It helps him decide what line of work he is most capable for. Splendid opportunity is offered for literary and social development—attainments so highly essential to success today. Direct attention is given to the moral and religious influences that surround the student and regular attendance upon church services is required. Chapel exercises are conducted each day and all students are expected to attend. Rooming and boarding rates are very reasonable and the accomodations especially suited to students, as it is a part of the business life of the town to privide such things. These accomodations must meet the approval of the school before the students are permitted to accept them.

ENTRANCE AND CREDITS

Completion of the elementary schools is required as preparation for the first year's work. Work done in other high schools will be accepted, without examination, provided a full statement of the work done, certified by the teacher, is presented. Blanks for this purpose will be furnished by us. In order that any year subject presented from other schools be given unit credit or any half-year subject be given half unit credit, it must meet the standards of accredited schools as to amount, quality and time of pursuance, together with such note books and collateral works as is regularly required.

EXAMINATIONS AND REPORTS

Examinations are held at the end of each semester or oftener if the instructor in charge deems it best. Daily class work, written work, notes and examinations form the basis of standing and credit in the work done.

All written lessons, examinations, manuscripts and note books are required in neat orderly fashion. Compliance with general uniform rules in regard to the same is required.

Reports are sent out at the end of each semester giving the standing that the student has made in his work; and if at any time within the semester circumstances arise that make it advisable, the parents are apprised of the studentship and conduct of the student. A, represents a grade of 96-100; B, from 90 to 95; C, from 80 to 89; D, from 70 to 79; E, conditioned; F, failure.

Pupils of more than average ability may be permitted to make extra credit in either of two ways. First, pupils maintaining a standard of C or above may be permitted to carry an extra subject. Second, pupils carrying the regular assignment and doing the work at a high level of excellence may earn surplus credits as follows: A grade of A in a year subjects merits 1.2 units; B, 1.1; C, 1.0; D, .8; F, failure. No pupil will, however, be excused from any required subject.

TIME REQUIRED

The time required to complete the academy course is regularly four years for those who come directly from the elementary schools, but bright and ambitious students of some-what greater maturity may by taking some extra work or by attending Summer School complete the course in three years.

GRADUATION

Upon the completion of sixteen units of study in accordance with the outlined courses ,together with all other prescribed requirements for graduation, the student will be granted a diploma. A unit is understood to mean a study of four or five class periods per week for the school year, aggregating as a minimum one hundred and twenty clock hours of class room work. Two hours of laboratory work, etc., are to count as one class hour. At least one year's work—the last—should be done in this school.

Graduating exercises, consisting of Baccalaureate service and commencement exercises, must be attended by all graduates and each must prepare such thesis or other exercise as may be required.

TUITION AND FEES

Tuition per semester	$25.00
Extra hours over 21 per week	1.25
Fee in Physics, per semester	1.50
Fee in Cooking, per semester	2.00
Fee in each of the other science courses, per semester	1.00
Incidental, library, and athletic fee, per semester	5.00

This last fee entitles the Academy student to the same privileges as the college student. No student is exempt.

For fifteen or more recitations per week full tuition rates are charged. Students enrolled for less than fifteen hours of recitations per week will be charged $1.50 per hour each semester.

No student will be registered for less than fifteen hours' work without permission of his parents.

Students taking part Academy and part college work will be charged a proportionate amount of the two regular rates according to the amount of work taken in each school.

COURSES OF STUDY

The arts preparatory course given below corresponds to the college requirements for entrance to the courses leading to the degree of A. B., the science preparatory to the degree of B. S. A full statement of these requirements may be found on an earlier page of this catalog. The elementary normal preparatory may also be considered a general high school course. It meets the requirements of the Ohio High School standards which are as follows:

"Students should select the studies of their High School course in some distinct order. The State Department has set the following standards: All students must have two units of English, two of social science, including history and civics, one of mathematics and one of natural science.

"Further, each student should so select his subjects that he will have completed at least two majors of three units each and two minors of two units each.

"The following will be deemed satisfactory major groups: 3 units of English, 3 units of a foreign language, 3 units of mathematics, 3 units of social studies, 3 units of natural science, 3 units of vocational studies of similar kind. Two units of any one of the foregoing groups of studies shall constitute a minor. Larger freedom of selection is permitted for the remaining six units. This should be governed by the future courses of the student."

OUTLINE OF COURSES

ARTS PREPARATORY	SCIENCE PREPARATORY	EL. NORMAL PREPARATORY
	First Year	
Required English I. Beginning Latin. Algebra or General Math. General Science.	Same as previous outline.	Same as previous outline.
	Second Year	
Required English II. Caesar. Plane Geometry or General Math. Ancient or Modern History.	Required English II. Caesar. Plane Geometry or General Math. Elective Ancient or Modern History, or Econom. Geog.	Same as previous outline.

Third Year

Required	Required	Required
English.	English.	English.
Cicero.	Cicero, German	Modern History.
Solid Geometry and	or French.	Elective
Advanced Algebra.	Solid Geometry or	Biology.
Elective	Advanced Alge-	Solid Geometry.
Modern History.	bra.	German or French.
Biology.	Modern History,	
German or	Biology, or	
French.	Economic Geog.	

Fourth Year

Required	Required	Required
Virgil.	Virgil, German, or	Physics.
Physics.	French.	U. S. History and
U. S. History and	Physics.	Civics, or Soc. Prob.
Civics, or Soc. Prob.	U. S. History and	Bible (one hour).
Bible (one hour).	Civics, or Soc. Prob.	Elective
Elective	Bible (one hour).	Agriculture or
Agriculture or	Elective	Home Economics.
Home Econom.	Agriculture or	German or
German or	Home Econom.	French.
French.	English.	English.
English.		H. S. Arithmetic (½)

Free Hand Drawing should be taken at least one hour per week for the first and second years by all students who have not had drawing in their former school courses. This will give greater ability and ease in the preparation of laboratory notes and drawings so essential in later courses.

Subjects in addition to those outlined above may constitute a part of the elective units. Students who have done satisfactory work in such subjects as the following may upon the examination of each claim receive not to exceed two units credit: Music, Drawing, Debating, Advanced Arithmetic, certain of the Commercial Subjects, Manual Training, etc.

STATEMENT OF DEPARTMENTS

BIBLE

One hour a week for one year is required of all Academy students in either the third or fourth year. Patriarchal and Hebrew History forms the basis of the work.

ENGLISH

First Year—A standard text is used as a basis for the work of the first year. Careful attention is given to correct forms of oral and written English. Frequent opportunities are given for practice in floor-talks, story-telling, and dramatization. Some of the simpler classics are assigned for reading and study. These are made the basis for composition of various kinds. The collection and organization of material is taught. Required readings are selected with a view of teaching the pupils to appreciate good literature.

Second Year—The second year is given to the study of a standard text on Rhetoric and Composition. Punctuation, diction, style, figures of speech, and prosody receive special attention. Theme-writing, paragraph-writing, and impromptu essays are required, with careful criticism of all work done. Selected classics are assigned for reading and report.

Third Year—This year's work is a study of American Literature. The work includes:

1. A thorough study of a brief text on the History of American Literature.
2. Class study of many selections of the choicest American Literature.
3. Home study of classics assigned for reading and report.
4. Written work including themes upon subjects drawn from the readings, digests of material and reading reports, either in ordinary outline or scenario form.
5. A note-book, including outline of work.
6. Choice passages memorized.

Fourth Year—The fourth year is given to a study of English Literature. A text-book on the History of English Literature is used. Critical study is given to a number of English classics, using the texts prescribed by the College Entrance Requirements. Others are assigned for reading and report. The idea is to see

that the four years cover a full line of literary readings and study. In the fourth year a closer study is made of figures of speech, poetical form, and memorizing of passages, with a view of cultivating a taste for good literature. Dramatic action, development of plot, ethical purpose, and beauty of form are carefully studied.

Wooly's Handbook of Composition is referred to as a guide. All students should acquire a neat, uniform, legible, rapid hand with the pen. All whose work shows deficiences in this matter will be required to give special effort toward improvement.

FRENCH

First Year—For the course in beginning French Chardenal's "French Course" is used. French is made as far as possible the language of the class-room. Bierman and Frank's "Conversational Reader" and La Belle France" are used as a basis for reading and conversation. Four hours a week throughout the year.

Second Year—A number of books of suitable grade are read, such as "Le Petit Chose" and "Sans Famille", etc. A thorough review of grammar is given. Four hours a week throughout the year.

GERMAN

First Year—Bacon's "German Lesson Grammar" completed, and the first fourteen lessons of Bacon's "Im Vaterland." Conversation. Four hours a week throughout the year.

Second Year—First semester. "Im Vaterland" completed. "Immensee" and "Der Besuch Karzer" completed. Dictation, Conversation, Composition based on reading.

Second Semester. "Das Edle Blut" and "Der Bibliotheker" or equivalents read. Composition and Conversation based on texts read. Four hours a week throughout the year.

HISTORY AND SOCIAL SCIENCE

Ancient History—A study of the Ancient and Medieval Nations up to the time of Charlemague will be made. One year, four hours a week.

Modern History—This is a study of the leading events and peoples from the time of Charlemagne to the present. One year, four hours a week.

American History and Government—In this course the emphasis will be placed on the origin and growth of our govern-

ment, local, state and national. Four hours a week the first semester.

Civics—This course gives a study of the American Republic, the formation of the government, its functions and operations, and the rights and duties of citizenship. Second semester, four hours.

Social Problems—A course designed to bring the student in touch with the current social conditions and the movements for their improvement. Pure theory is kept in the background and the facts concerning child labor, crime and its punishment, conservation of natural and human resources, and similar problems are so presented as to prepare the class for more enlightened citizenship.

Economic Geography—This course attempts to explain how man's industries are determined by his environment. The physiographic basis of industry is treated in connection with the industrial facts that are being explained. A wealth of information,—bringing cause and effect together,—is given concerning the trade, commerce, and industry of the world.

LATIN

The general aim of instruction in Latin is three-fold: First, to give the student a thoro knowledge of the inflections and ordinary constructions of the Latin language that he may be able to read Latin of average difficulty; second, to improve the student's mental grasp, develop the power of discrimination, and cultivate an ease and mastery of expression in his own language; third, to enable the student to read the Latin classics with the sense of pleasure that is due them as works of art. The work in this course covers a period of four years as follows:

First Year—This course includes a mastery of the subject matter as given in a standard text. The perception cards are used —one of the latest and most interesting methods of teaching pronunciation, case endings, and verb forms, together with a good working vocabulary for Caesar. Five hours a week throughout the year.

Second Year—A careful study of Books I.-IV. of the Gallic War, with especial attention to syntax, word order, and prose composition. In addition, work is required in outlines and synopses of the wars, together with a study of the customs and history of the period. Four hours a week throughout the year.

Third Year—Four orations against Cataline, and orations for Archias and Manilian war. A more methodical study of grammar, is pursued in this course, with rhetoric and outlines, together with the historical and political settings of the orations. Four hours a week throughout the year, including Composition.

Fourth Year—Books I.-IV. of Virgil's Æneid. The work of the first semester includes a study of psosody, word derivation, epithets, word order, and constructions peculiar to the poets, together with the more rhetorical figures. That of the second semester continues the work above and lays emphasis upon elegance of translation, mythology, character study, and literary style of Virgil, with the aim of giving the student some conception of the Æneid as a great masterpiece. Four hours a week throughout the year.

MATHEMATICS

First Year—Beginning Algebra. First and second semesters, five hours.

Second Year—Plane Geometry. First and second semesters, four hours.

General Mathematics—First and second year Mathematics will also be offered in the form of a composite course, treating Algebra and Geometry conjointly. In the two years all the essentials as taught in the separate courses will be covered.

Third Year—Solid Geometry. First Semester, four hours. Higher Algebra. Second semester, four hours.

Fourth Year—Advanced Arithmetic. A practical review of the principles of arithmetic in its more advanced phases. Only those students who have had Algebra and Geometry are eligible to take this course.

SCIENCE

General Science—This course consists of recitations, assigned readings, demonstrations, laboratory exercises, and class trips. Its purpose is first, to develop the scientific method of thinking and investigating the common things of experience without especial emphasis on any one branch of science; second, to give a foundation for a further interest in science and a basis for intelligent selection among the special sciences that may be taken up later.

Biology—This is a one-year course that makes a careful study of the fundamental facts of plant and animal life and human

physiology. Laboratory exercises are correlated with the class work and carefully prepared notes and drawings are required.

Physics.—A year's work based on Millikan and Gale and consisting of lecture demonstrations accompanied and reviewed by class recitations, questions, problems and theory. Class room work four hours per week and coordinated laboratory exercises two hours per week each semester.

First semester—Mechanics, Molecular Physics and Heat.

Second semester—Magnetism and Electricity, Sound and Light.

Elements of Agriculture—A study of the main principles of Agriculture such as will give a general basis for the further study of it as a trade subject, but at the same time presenting it as a subject that concerns all—a human interest subject, one that touches the daily life of every individual. Laboratory and field work required.

Domestic Science—First Semester. The girls of the Academy may take a course in sewing. The two-hour period includes the study of the textile fibres and the making of simple garments.

Second Semester. The girls may continue with sewing, making more complicated garments. Or the Junior and Senior girls may take cooking. This course includes a study of foods and the preparation of them.

COMMENCEMENT HONORS, 1917

Bachelor of Arts

Nellie Maude Hastings
Frances Lois Aiken
Margaret Lucy Alley
Herman Dwight Balentine
Kate Graham Cowan
Vida Jane Graham
Margaret Shane Kelso
Joseph Irvine Krohn
Lois Kyle
Vernon Barton McCall
Iva McConagha
Martha Jane McCorkle
John Jamison McIlvaine
Nina Wilson Martin
Nancy Jane Merrilees
Homer Armstrong Neff
Helen Muzette Noble
Lucile Vernon Pollock
Mabel Lucile Watson

Bachelor of Science

Julia Louise Acheson
Margaret Elizabeth Cooper
William Andrew Dickson
Blanche Ellen Fickle
Harry Carrol Hastings
Uel Stitt Jamison
Harry Wilson Kerr
Earl Oliver Liggitt
Ernest William McCall
William Albert McConagha
Josephine McKelvey
Harry Edwin Marquis
Renwick Gailey Shearer

Bachelor of Science in Education

Clara Edna Ardrey
Laura Bertha Wright

Bachelor of Philosophy

Mary Lucile Anderson
William Raymond Atkinson
Mary Lois Boyd
Samuel Leland Kennedy
Hugh Parker Liggett
Edward Gustav Petrich
Helen Jane Sturgeon
Mary Jeanette White
Melvin Watt Riddle

Conservatory Diploma

Margaret Louise Ludy, Violin
Martha Gertrude Davis, Piano

Two-Year Normal Diploma

Eula Miller
Miriam White
Mary Elizabeth Frazier

Magna Cum Laude

Iva McConagha

Cum Laude

Mary Lois Boyd
William Andrew Dickson
Uel Stitt Jamison
Harry Wilson Kerr
Earl Oliver Liggitt
Nancy Jane Merrilees

HONORARY DEGREES

Doctor of Laws

D. Braden Kyle, M. D.
Wayne B. Wheeler, A. M.

Doctor of Divinity

Rev. Frank Boyd
Rev. F. W. Wilson
Rev. J. Harper Hutchman

REGISTER OF STUDENTS

COLLEGIATE DEPARTMENT

Senior Class

Aikin, Martha Ann, cl.....Bellefontaine, O.
Aikin, Elizabeth, cl.....Bellefontaine, O.
Allen, William Ross, cl.....Thomas, Pa.
Bryson, Agnes Louise, cl.....Xenia, O.
Caldwell, Mary Katherine, cl.....Waverly, O.
Caldwell, Jean Gladys, cl.....Waverly, O.
Carnes, Samuel John, sc.....Cambridge, O.
Cleland, David Collins, sc.....Philadelphia, Pa.
Conner, Gladys Louise, cl.....New Concord, O.
Coulter, Samuel R., ph.....Hamilton, O.
Daugherty, Martha Isabel, cl.....Belle Vernon, Pa.
Davis, Walter Clark, sc.....New Florence, Pa.
DuBois, Mary Margaret, ph.....Portland, Ore.
Dunn, Walter Torrence, cl.....Salem, New York
Ferguson, David Lawrence, cl.....Xenia, O.
Forsythe, Ethel Marie, cl.....New Concord, O.
Gibson, Robert Wesson, cl.....East Ryegate, Vt.
Gillespie, William Dwight, cl.....Cambridge, O.
Gillogly, Olney Randall, sc.....New Concord, O.
Grimes, William Maurice, cl.....New Concord, O.
Harper, Joseph Willis, cl.....Frazeysburg, O.
Hinkle, Carl Paul, sc.....New Concord, O.
Hoag, Walter Cyrus, cl.....Delhi, N. Y.
Johnson, Richard Boyd, cl.....St. Clairsville, O.
Kerr, Mary Margaret, cl.....Fredericksburg, O.
Kirkpatrick, Mary Mildred, ed.....Cherry Fork, O.
Laing, Anna Alston, cl.....Ingram, Pa.
Lee, Howard Henry, sc.....Burgettstown, Pa.
Linsenmayer, Clarence, ph.....Braddock, Pa.
Lowry, Homer Mendel, sc.....Rea, Pa.
McCalmont, Edward Gregg, cl.....Xenia, O.
McConnelee, Earl Collins, cl.....Sargodha, India
McGeary, William Roy, cl.....Leechburg, Pa.
McKirahan, Mary Lois, sc.....Belle Center, O.
McNeal, Malcolm Dunn, cl.....Atlanta, Ind.
Martin, Mary Elizabeth, ed.....Delroy, O.

Mintier, Mary Elizabeth, ed.....Bloomingdale, O.
Montgomery, Geneva Kathleen, cl.....New Concord, O.
Morton, Helen Isabel, ed.....Washington, Pa.
Nairn, Margaret Esther, cl.....New Concord, O.
Paisley, Laura Othla, ed.....New Concord, O.
Paisley, Ethan Allen, sc.....New Concord, O.
Sawyers, John Kirker, ph.....Maryville, Mo.
Shaw, Gretchen, ph.....Roseville, O.
Stoner, John Stotler, cl.....Verona, Pa.
Teener, Alice Adaline, cl.....New Concord, O.
Vessels, Margaret Elizabeth, ed.....New Concord, Ohio
Wilson, William Watson, ph.....New Concord, Ohio
Wilson, Janet Wallace, ph.....Pittsburgh, Pa.

Junior Class

Anderson, Olive Isabel, cl.....Wellsville, O.
Ballantyne, Agnes, cl.....Xenia, O.
Bothwell, Richard Lee, ph.....Pittsburgh, Pa.
Cain, Layton Webber, sc.....New Concord, O.
Cosby, Lucile Verdell, cl.....Tarentum, Pa.
Dickson, Elizabeth, cl.....Midway, Pa.
Finley, Esther Elizabeth, ph.....Assiut, Egypt
Forsythe, Frances Irene, sc.....Kimbolton, O.
Galt, Russell G., cl.....Philadelphia, Pa.
Giffen, John Willard, cl.....New Concord, O.
Giffen, Dora Eunice, cl.....New Concord, O.
Jackson, Lyman Ernest, cl.....New Concord, O.
Johnson, Leland Graham, cl.....Xenia, O.
Johnston, Thomas Gray, cl.....Hutchinson, Kan.
Kensett, James Williams, sc.....New Concord, O.
Knipe, Elizabeth Lois, cl.....Newark, N. J.
McConnelee, Wilbur James, sc.....Sargodha, India
McKeown, Susannah Aiken, sc.....New Concord, O.
McMains, Charles Van, sc.....Leechburg, Pa.
Martin, Samuel Raymond, ph.....Delroy, O.
Mears, Joseph Alexander, sc.....Pittsburgh, Pa.
Miller, Leland Merrill, cl.....Pittsburgh, Pa.
Miller, John Wesley, sc.....McAlevys Fort, Pa.
Minteer, Margaret Elizabeth, sc.....New Concord, O.
Moorehead, Charles Downie, cl.....New Concord, O.
Nairn, Ann Lucile, cl.....New Concord, O.

Newton, G. Byerla, ph.....Malta, O.
Parsons, Enoch Leslie, ph.....Middlefield, O.
Sterrett, Hollis Campbell, sc.....Mt. Perry, O.
Taggart, Wallace Bowles, sc.....New Concord, O.
Wiegman, Ida Ruth, ed.....Scotch Ridge, O.
Wilson, Frank Paterson, sc.....Cambridge, O.

Sophomore Class

Acheson, Mabelle Grace, ed.....Cambridge, O.
Adams, Thomas N., ph.....Princeton, Ind
Aitken, George Paul, sc.....Norwich, O.
Ault, Ralph Franklin, sc.....Glencoe, O.
Balziger, Hazel Jane, ph.....Leechburg, Pa.
Bay, Lillian Irene, cl.....New Concord, O.
Beard, Lucinda Beulah, ph.....Cumberland, O.
Bebout, Susannah, cl.....Canonsburg, Pa.
Brown, Madge, cl .....Woodlawn, Pa.
Caldwell, Harry Palmer, sc.....New Concord, O.
Carlisle, Jane, ed.....Hickory, Pa.
Chambers, Blanche, sc.....Walton, N. Y.
Clark, Ella, cl.....Cambrdige, O.
Cleland, Ronald Stewart, cl.....New Concord, O.
Cleland, Eunice, cl.....New Concord, O.
Collins, Eugene B., sc.....Xenia, O.
Cravenor, Edward Kimmel, sc.....Indiana, Pa.
Culbertson, Cora, cl.....Altoona, Pa.
Cunningham, Paul M., sc.....New Concord, O.
DeHaven, Aleta Fern, sc.....Jamestown, O.
Downing, Elsie Ruth, cl.....Emsworth, Pa.
Eakin, Juliet W., ph.....Steubenville, O.
Ervin, Fred M., cl.....Xenia, O.
Ferguson, Warren Anderson, cl.....Xenia, O.
Ferguson, Lois, ed.....Albuquerque, N. Mex.
Finley, H. Da Costa, sc.....Assiut, Egypt
Forbes, Blanche, cl.....New Concord, O.
Forrester, Alta, ed.....Scotch Ridge, O.
Foster, Margaret Jean, ed.....Claysville, O.
Frazier, Lester H., sc.....New Concord, O.
Frazier, Ruth, sc.....Freeport, O.
Gordon, Andrew Walker, cl.....Gurdalpur, Punjab, India
Greer, Oliver W., ph.....Princeton, Ind.

Guthrie, Rowena D., sc.....New Concord, O.
Hart, Alfred Alexander, sc.....Salineville, Ohio
Henderson, Carrie, ed.....Maynard, O.
Hoyle, Mildred, ed.....Cambridge, O.
Jackson, Ermie Hahn, cl.....New Concord, O.
Johnson, Raymond K., ph.....Moundsville, W. Va.
Johnson, Cecil M., cl.....New Concord, O.
Johnson, Frank Mitchell, sc.....Norwich, O.
Johnson, Oscar Lloyd, sc.....Linwood, N. Y.
Johnson, Myrtle Lillian, ed.....St. Clairsville, O.
Johnston, David Archie, sc.....Hutchinson, Kans.
Johnston, Herrick Lee, cl.....West Point, Miss.
Kelso, Harry Mac, sc.....McDonald, Pa.
Knipe, Leila Gertrude, cl.....Newark, N. J.
McBride, Arthur C., cl.....Cambridge, O.
McConnelee, Lois, cl.....Sargodha, India
McDowell, George, sc .....Akron, O.
McGranahan, Grace A., cl.....Jamestown, Pa.
McGregor, Martha, cl.....Cambridge, O.
McKelvey, Marie Fern, sc.....Fredericksburg, O.
Malone, Emma, ph.....Washington, Pa.
Marquis, Walter H., sc.....Burgettstown, Pa.
Martin, Gertrude, sc.....New Concord, O.
Maxwell, Sarah J., ph.....Cambridge, N. Y.
Mintier, Wilma McCune, cl.....Martins Ferry, O.
Mitchell, Wlliam S., sc.....Cambridge, O.
Mitchell, Helen, cl .....Cambridge, O.
Mong, Bertha C., ph.....Elkhart, Ind.
Nesbit, Margaret, ph.....Wheeling, W. Va.
Nisbit, Leigh McClung, sc.....Xenia, O.
Oliver, Wayland Wilson, sc.....Senecaville, O.
Patton, Delma, cl. .....New Concord, O.
Pollock, M. Hazel, cl.....Bellevue, Pa.
Price, Harvey James, sc.....East Liverpool, O.
Rankin, John O., sc.....Cambridge, O.
Rankin, Mary Alice, ed.....Cambridge, O.
Ramsey, Willa Mareta, cl.....Hubbard, O.
Reed, Faith W., ed.....Assiut, Egypt.
Reeder, Florence Graham, cl.....Kittanning, Pa.
Rice, Pearl M'Liss, sc.....Philadelphia, Pa.

Scott, Walter, ph.....Zanesville, O.
Sembower, James, sc.....Connelsville, Pa.
Smith, Harry M., sc.....Xenia, O.
Steele, Dewey G., sc.:.....Quaker City, O.
Tallant, David, sc.....Murrysville, Pa.
Taylor, Gertrude Luella, ed.....Chicago, Ill.
Tench, M. Edna, ph.....Leechburg, Pa.
Vorhis, James Thompson, sc.....Monroe, O.
Wallace, Julia Shoop, ph.....Freeport, Pa.
Wilson, Elizabeth Bruce, cl.....Pittsburgh, Pa.
Wilson, Ruth, sc .....New Concord, O.
Wilson, Frank Merrill .....New Concord, O
Wylie, Nannie Alice, ed.....Belle Center, O.
Zediker, Harriet Ruth, sc.....Wylandsville, Pa.

Freshman Class

Aikin, Margaret Ethel, ed.....Bellefontaine, O.
Alexander, Mary, ed.....Neff, O.
Amos, Martha, ed .....Cambridge, O.
Baker, Virgil Lyle, cl.....New Concord, O.
Ballenger, Hazel, ed.....New Concord, O.
Baxter, Elma Laura, ed.....Cambridge, O.
Benson, Lela G., ed.....Fairview Ohio
Best, William Scott, sc.....New Concord, O.
Bond, Davida Dale, ed.....Fairview, O.
Booth, Gordon C., sc.....New Concord, O.
Booth, Clara Virginia, ed.....Washington, Pa.
Boyd, Sidney Robert, ed.....Quaker City, O.
Brown, Ralph E., cl.....New Concord, O.
Campbell, Hubert, cl.....Senecaville, O.
Campbell, Robert Andrew, cl.....Mechanicstown, O.
Carns, Myron William, sc.....Burgettstown, Pa.
Carson, Jean, ed.....Bergholz, O.
Cochard, Thomas, cl.....Pittsburgh, Pa.
Cooke, Lois Irene, ed.....Huntsville, O.
Cooke, Annabelle, ed.....Huntsville, O.
Cooper, Blanche Elizabeth, cl.....Hickory, Pa.
Cover, Klahr A., sc.....Cortland, O.
Cowden, Mary Alma, ed.....Hickory, Pa.
Craig, Ruth, ed.....Byesville, O.
Cunningham, Russell Todd, ed.....Cambridge, O.

Davis, James Edgar, cl.....Quaker City, O.
Dean, Fleming M., sc.....Xenia, O.
Denham, Leslie Edgar, sc.....New Concord, O.
Deselm, Wilbur Kirk, cl.....Cambridge, O.
Dickerson, Bessie E., ed.....Cumberland, O.
Downie, Janet, sc.....Freeport, Pa.
DuBois, Earl D., sc.....Portland, Ore
Elliott, Matilda Blanche, ed.....New Concord, O.
Erskine, Mary Agnes, sc.....West Alexander, Pa.
Ervin, Gladys, ed.....Princeton, Ind.
Evans, G. Gordon, cl.....Reynoldsburg, O.
Findley, Orrin, sc.....Millersburg, O.
Fordyce, Mary, ed.....Cambridge, O.
Frost, Ralph, cl.....Chester, W. Va.
Frost, Frank, cl.....Chester, W. Va.
Fullwood, Samuel James, sc.....Ingram, Pa.
Fulton, Walter Elsworth, sc.....Cambridge, O.
George, Mary F., ed.....Bergholz, O.
Gibbon, Virginia ,ed.....Zanesville, O.
Gibson, J. Merrill, sc.....East Ryegate, Vt.
Graham, Cary Bates, cl.....Cumberland, O.
Grimes, Beulah Mae, cl.....New Concord, O.
Hanes, Harold W., sc.....Sonora, O.
Hannum, William, cl.....Belle Center, O.
Harden, Elsie Veola, ed.....Lewistown, O.
Harding, Irene, ed.....Cambridge, O.
Hart, Margaret, ed.....Salineville, O.
Hill, Lillian Geneva, cl.....Moundsville, W. Va.
Holmes, Romayne E., cl.....Detroit, Mich.
Hoyle, Helen, sc .....Cambridge, O.
Huganir, Kathryn, cl.....Philadelphia, Pa.
Hutchman, Ruth Lacey, cl.....Irwin, Pa.
Irons, James Hutchinson, sc.....Ben Avon, Pa.
Irvine, Olive Lucile, cl.....Steubenville, O.
Jamison, Ruth Jennie, cl.....New Concord, O.
Jeffers, Clifford Harry, ed.....Oxford, O.
Johnson, Helen Marjorie, cl.....Xenia, O.
Johnson, Mary Lucile, cl.....Moundsville, W. Va.
Johnson, James Earl, sc.....New Concord, O.
Johnson, Paul, ed.....Quaker City, O.

Johnston, Kathryne, ed.....Cambridge, O.
Knowles, Lehr M., cl.....Fredericktown, O.
Knox, Mary, cl.....St. Clairsville, O.
Laing, Lillias McP, cl.....Ingram, Pa.
Layton, Vernon E., cl.....Jefferson, O.
Leeper, Robert H., sc.....Hookstown, Pa.
Lemmon, John Augustin, sc.....Harrisville, O.
Linard, Clarence Blaire, cl.....Gilmore, O.
Ling, Mildred E., ed.....Keene, O.
Lytle, Frank McClelland, sc.....Columbus, O.
McBane, Donald, sc.....Bergholz, O.
McCann, Edward Grant, sc.....Zanesville, O.
McClenahan, Donald, sc.....Pittsburgh, Pa.
McCoy, William John, ed.....New Concord, O.
McDonald, Charles Dwight, sc.....New Concord, O.
MacGuidwin, Frederick John, cl.....Macedon Center, N. Y.
McIlvaine, James Donald, cl.....Ben Avon, Pa.
McIver, Jane Lucile, ed.....Noblestown, Pa.
McKeown, Rosella Craig, sc.....New Concord, O.
Mackintosh, Helen Evelyn, ed.....East Liverpool, O.
McKnight, Louise, ed.....Dayton, O.
McNutt, Harold Robert, sc.....Claysville, Pa.
McVicker, Fred R., cl.....Senecaville, O.
Martin, Frances, sc.....New Concord, O.
Minteer, Ellinore, ed.....New Concord, O.
Mintier, Anna M., cl.....Bloomingdale, O.
Minto, Pauline, ed.....Cambridge, O.
Montgomery, Robert Nathaniel, cl.....New Concord, O.
Moore, William Ray, sc.....Utica, O.
Moore, Annalie, ed.....New Concord, O.
Moore, William, sc.....Hammondsville, O.
Ogilvie, Mary Helen, cl.....East Liverpool, O.
Pollock, Robert Herron, sc.....Aspinwall, Pa.
Ramsey, Sara Margaret, ed.....Belle Center, O.
Rich, Lillian Lucile, ed.....Senecaville, O.
Riggle, Ella Wave, ed.....Buffalo, O.
Robins, Pauline Petty, ed.....Pleasant City, O.
Shaw, Loren Patton, sc.....Utica, Ohio
Shaw, John Rodney, sc.....Roseville, O.
Simpson, Arthur M., sc.....Hickory, Pa.

Steele, Sarah Eleanor, cl.....Wilkinsburg, Pa.
Stevenson, Clayton Ford, cl.....Prospect, Pa.
Stiers, Dulcie Belle, ed.....Salesville, O.
Stiles, Bessie Clare, ed.....Cambridge, O.
Swank, Robert Newton, cl.....Leechburg, Pa.
Tinker, Loraine, cl.....Grove City, Pa.
Toepfer, Claire Alfred, sc.....Lakewood, O.
Tope, Ronald Elwood, ed.....Quaker City, O.
Torrence, Grace H., cl.....East Greenwich, N. Y.
True, Claire Inez, ed.....Byesville, O.
Vermillion, Ola Bernice, ed.....New Concord, O.
Warne, Beatrice, ed.....New Concord, O.
Watson, Velma Ann, cl.....Cambridge, O.
Watson, Clovis Alphonso, sc.....Salesville, O.
Welch, Sara Martha, ed.....New Concord, O
Wilson, Ross Stevenson, sc.....Ben Avon, Pa.
Wilson, Helen, ed.....Camden, O.
Wilson, Wanda Frame, ed.....Kimbolton, O.
Woodburn, Lois Edna, cl.....Peebles, O.
Wright, Helen Marguerite, ed.....College Corner, O.

Special College Students

Arrington, Lewis.....Utica, O.
Barnett, Margaret.....New Concord, O.
Bell, Walter R.....Carrollton, O.
Blanc, Laura S.....Newark, O.
Bundy, Zelma.....Barnesville, O.
Cowgill, Hazel.....Spencer's Station, O.
Daw, Seward E.....Caldwell, O.
Frazier, Ruth.....Frazeysburg, O.
Frazier, Mary Elizabeth.....Frazeysburg, O.
Fryer, Margaret.....Byesville, O.
Gilliland, Gladys.....Reinersville, O.
Graham, Ralph.....New Concord, O.
Gray, J. Stanley.....New Concord, O.
Guerin, Dwight.....Newark, O.
Kennedy, Leland.....Kimbolton, O.
Kerner, Grace.....Zanesville, O.
Kerner, Beulah.....Zanesville, O.
Kerr, Mary Margaret.....Fredericksburg, O.
Knellinger, Kathryn.....Zanesville, O.

Kocher, Walter.....Bellaire, O.
McCance, Jessie.....New Concord, O.
McConagha, William A.....New Concord, O.
McConagha, Iva.....New Concord, O.
McDowell, Merl H.....New Concord, O.
Melone, Gerald, H. V.....New Concord, O.
Minnear, Lazelle.....Sundale, O.
Noble, Helen.....New Concord, O.
Paxton, Grace L.....Shiloh, O.
Payne, Mabel .....Cambridge, O.
Reed, Jeanette.....Ironspot, O.
Rose, Ella Mary.....Richmond, O.
Slack, Jessie Atwell.....South Zanesville, O.
Warren, Elizabeth.....Bellaire, O.
Wells, Mary.....Cambridge, O.
Wilkinson, May.....Byesville, O.
Williams, Margaret .....New Concord, O.
Wilson, David P.....Ben Avon, Pa
Wright, Laura.....College Corner, O.

Art Pupils

Anderson, Isabel.....Wellsville, O.
Baxter, Elma.....Cambridge, O.
Bendure, Miriam.....Zanesville, O.
Chambers, Blanche.....Walton, N. Y.
Daugherty, Isabel.....Belle Vernon, Pa.
Forrester, Alta .....Scotch Ridge, O.
Lawrence, Margaret.....Columbus, O.
Ling, Mildred.....Keene, O.
Lohr, Helen.....Pittsburgh, Pa.
Minto, Pauline.....Cambridge, O.
Paxton, Grace.....Shiloh, O.
Ramsey, Margie.....Belle Center, O.
Teener, Alice .....New Concord, O.
Watson, Grace.....New Concord, O.
Williams, Ethel.....New Concord, O.
Wilson, Ruth.....New Concord, O.

Special Normal and Summer Students, 1917

Acheson, Grace.....Cambridge, O.
Adams, Oliver Mac.....Key, O.

Adams, Lawrence ..... Key, O.
Aken, Nina Odbert ..... Bethesda, O.
Amspoker, Lula ..... New Concord, O.
Anderson, Lucile ..... Cambridge, O.
Armstrong, Roxie ..... Cambridge, O.
Arrington, Lewis ..... Utica, O.
Atha, W. Hunter ..... Zanesville, O.
Atkinson, Helen ..... Norwich, O.
Baker, Elsie ..... New Concord, O.
Baker, Opal A. ..... Jerusalem, O.
Barker, Leroy ..... Sardis, O.
Barnes, Ray ..... Chandlersville, O.
Barnett, Margaret ..... New Concord, O.
Barrackman, Gladys ..... Speidel, O.
Bebout, Anna Elizabeth ..... Norwich, O.
Bebout, Gladys ..... Norwich, O.
Bell, Lulu ..... Marion, O.
Bell, Eula ..... Cambridge, O.
Bell, Walter R. ..... Carrollton, O.
Bell, Leo ..... New Concord, O.
Bennett, Sarah Decima ..... Cambridge, O.
Benson, Lela Golda ..... Fairview, O.
Bergen, Hattie ..... Frazeysburg, O.
Betts, Mabel ..... Scio, O.
Birch, Josephine ..... McConnellsville, O.
Black, Mary Helen ..... Steubenville, O.
Blanc, Laura ..... Newark, O.
Bodner, Mrs. Fanny ..... Zanesville, O.
Bodner, Ruth ..... Zanesville, O.
Booth, Clara ..... Washington, Pa.
Buchanan, Sadie ..... Blue Rock, O.
Buker, Thirza ..... Otsego, O.
Bundy, Zelma ..... Barnesville, O.
Burns, Granville Willard ..... Belmont, O.
Butler, Ruth ..... Zanesville, O.
Cain, Doris ..... New Concord, O.
Caldwell, Nada ..... Jacobsburg, O.
Carpenter, F. L. ..... Jerusalem, O.
Carr, Ina ..... Newcomerstown, O.
Carroll, Lura ..... Dexter City, O.

Caskey, Ethel.....Frazeysburg, O.
Cater, Ada.....Pleasant City, O.
Cavanaugh, G. O.....Ethel, O.
Christy, Coy.....Graysville, O.
Clapper, Gladys.....Duncan Falls, O.
Cline, Hallie.....Batesville, O.
Cochran, Lillie.....Hanover, O.
Conner, Elinor.....New Concord, O.
Cowden, Hazel.....New Concord, O.
Cowden, W. H.....Norwich, O.
Cowgill, Hazel.....Spencer Station, O.
Craig, Harriet.....Jacobsburg, O.
Cramblett, Bessie Pearl.....New Concord, O.
Cronin, Leland H.....Graysville, O.
Crum, Clarence.....Summerfield, O.
Curtis, I. W.....Summerfield, O.
Curtis, Ray L.....Summerfield, O.
Danford, Ira Estes.....Pleasant City, O.
Danford, Jessie E.....Pleasant City, O.
Davidson, J. Blair.....Freeport, O.
Davidson, Gladys.....Antioch, O.
Davis, Ray.....Sarahsville, O.
Davis, Mary.....North Side, Pittsburgh, Pa.
Davis, Blanche.....New Concord, O.
Daw, Seward E.....Caldwell, O.
Dawson, Bessie.....Guernsey, O.
Dearth, Dean S.....McConnellsville, O.
DeGolier, Eleanor.....Cambridge, O.
Denbow, Earl.....Summerfield, O.
Denham, Grace.....St. Clairsville, O.
Denison, Margaret.....New Concord, O.
Denius, Harry.....Quaker City, O.
Devolld, Jennie.....Cambridge, O.
Dickerson, Winona.....Coshocton, O.
Draper, Urban.....Ethel, O.
Duff, William.....New Concord, O.
Dustheimer, Bessie Alice.....Newark, O.
Duvall, Mildred.....Zanesville, O.
Elliott, Gladys.....New Concord, O.
Ellis, Jennie.....Blue Rock, O.

English, John A. ..... Salesville, O.
Estep, Luetta ..... Cambridge, O.
Everett, Harvey ..... Lisbon, O
Everett, Eva ..... Lisbon, O.
Fink, Ercel ..... Pleasant Valley, O.
Finley, Lelia G. ..... Malta, O.
Flegal, Bernice ..... New Concord, O.
Folkert, Alta ..... Guernsey, O.
Folkert, Martha ..... Guernsey, O.
Ford, Jemima ..... New Concord, O.
Ford, Ada ..... Woodsfield, O.
Forshey, Carl ..... New Concord, O.
Forshey, William ..... Summerfield, O.
Forsythe, Lucile ..... New Concord, O.
Forsythe, Ethel ..... New Concord, O.
Foster, Margaret ..... Claysville, O.
Fowler, Russel ..... Hendrysburg, O.
Frazier, Ruth ..... Frazeysburg, O.
Frazier, Mary Elizabeth ..... Frazeysburg, O.
Fryer, Margaret ..... Byesville, O.
Fulton, Pansy ..... St. Clairsville, O.
Galloway, Homer P. ..... Quaker City, O.
Gardner, Preston P. ..... Graysville, O.
Gause, Ruth Irene ..... Nelly, O.
George, Marjorie ..... White Cottage, O.
Geyer, Cora ..... New Concord, O.
Giffen, Dora ..... New Concord, O.
Giffen, Robert M. ..... St. Clairsville, O.
Gilliland, Gladys ..... Reinersville, O.
Gillogly, Esther ..... New Concord, O.
Given, Glenn ..... Lewisville, O.
Grabham, Mabel ..... Byesville, O.
Graham, Ada ..... Cumberland, O.
Graham, Ralph ..... New Concord, O.
Grandstaff, Harry ..... Reinersville, O.
Gray, J. Stanley ..... New Concord, O.
Gray, Olive ..... Graysville, O.
Gregg, Albert E. ..... New Concord, O.
Grimes, Ruth ..... Caldwell, O.
Guerin, Dwight ..... Newark, O.

Haas, Edna.....Elba, O.
Hanna, Mary.....Wheeling, W. Va.
Harding, Guy L.....Washington, O.
Harmon, Harold.....Graysville, O.
Harris, Ethel.....Quaker City, O.
Hartman, Hazel.....Duncan Falls, O.
Hartup, Ada.....Senecaville, O.
Hawthorne, Elizabeth.....New Concord, O.
Henderson, Carrie.....Maynard, O.
Henderson, Sadie Isabel.....Fairview, O.
Heskett, Dewey.....Pleasant City, O.
Hill, Harold.....Reinersville, O.
Himmeger, Sadie.....Edenburg, Pa.
Hines, Brada.....Lewisville, O.
Hiser, Viola.....Coshocton, O.
Hoon, Ruth.....New Concord, O.
Hootman, Hallie Hazel.....Wylandsville, Pa.
Howiler, Mabel.....Elba, O.
Huffman, Daisy.....Cambridge, O.
Hunnell, Della May.....Lore City, O.
Hunt, Wilda L.....Cambridge, O.
Imlay, Pearl.....Blue Rock, O.
Irwin, Inez Grace.....Norwich, O.
Irwin, Bessie.....Norwich, O.
Jennings, Laura.....Norwich, O.
Johnson, Alice.....Hanover, O.
Johnson, Eloise.....Hanover, O.
Johnson, Goldie May.....Winterset, O.
Johnson, Rachel.....McConnelsville, O.
Jones, Malachi.....Isleta, O.
Kaufman, Alta.....Coshocton, O.
Keats, Mary A.....Bird's Run, O.
Kelly, Joseph.....Cambridge, O.
Kemp, Athol.....Buffalo, Ohio
Kennedy, Leland.....Kimbolton, O.
Kerner, Grace.....Zanesville, O.
Kerner, Beulah.....Zanesville, O.
Kerr, Laura May.....Winterset, O.
Kerr, Mary Margaret.....Fredericksburg, O.
King, Gold C.....Dexter City, O.

Kirkwood, Margaret.....Cambridge, O.
Knellinger, Kathryn.....Zanesville, O.
Knight, Ione.....Cumberland, O.
Knouff, Roy Alvin.....Quaker City, O.
Kocher, Walter.....Bellaire, O.
Lake, Fay Frances.....Quaker City, O.
Laughman, Hazel.....Malta, O.
Lawrence, Brook.....Coshocton, O.
Lawrence, Ulysses.....Conesville, O.
Lawyer, E. C.....Bird's Run, O.
Layman, Mabel.....Quaker City, O.
Leeper, Elsie.....Senecaville, O.
Little, Hazel.....Cambridge, O.
Love, I. R.....Stafford, O.
Luburgh, Fermin.....Stafford, O.
Lucas, Zella.....Stafford, O.
Luke, Julia.....Cumberland, O.
McCane, Jessie.....New Concord, O.
McClelland, W. H.....Freeport, O.
McCollum, Odessa.....Cambridge, O.
McComas, Madge.....Catlettsburg, Ky.
McConagha, W. A.....New Concord, O.
McConagha, Iva.....New Concord, O.
McConnell, Floyd.....Ethel, O.
McCormick, Anna Belle.....Cambridge, O.
McCullough, Lida Blanche.....Cambridge, O.
McDonald, Carol.....New Concord, O.
McDonald, Charles Dwight.....New Concord, O.
McDonald, Reid.....New Concord, O.
McDowell, Merl H.....New Concord, O.
McElhiney, Velma.....McConnelsville, O.
McLaughlin, Tecumesh.....Senecaville, O.
McLess, Marie.....Utica, O.
McLess, Eva.....Utica, O.
McLeod, Mary.....Caldwell, O.
McMullen, Ona.....Lewisville, O
McNabb, Paul.....Rainersville, O.
Maharry, John.....Wellston, O.
Mallett, Hugh.....Summerfield, O.
Mallett, Purcelle.....Summerfield, O.

Marshal, Ralph Freeman.....Lore City, O.
Martin, Mary.....Delroy, O.
Mason, Katherine May.....Cambridge, O.
Mathers, Mary.....Cambridge, O.
Meeker, Geo. H.....Clarington, O.
Melone, G. H. V.....New Concord, O.
Miller, Martha.....McConnelsville, O.
Miller, Eula.....College Corner, Ind.
Miller, Weltha.....Chandlersville, O.
Minnear, Lazelle.....Sundale, O.
Minteer, Ellinore.....New Concord, O.
Mobberly, Leonard.....Graysville, O.
Mobberly, Clifford.....Graysville, O.
Mong, Bertha.....Elkhart, Ind.
Monroe, Bruce.....New Concord, O.
Montgomery, Daisy.....Quaker City, O.
Montgomery, Mary.....Frazeysburg, O.
Moody, Harry D.....Roseville, Ohio
Moorehead, Winnie.....Senecaville, O.
Morgan, Della Mae.....Frazeysburg, O.
Morgan, Earl F.....Sarahsville, O.
Morrison, Harry.....Philo, O.
Morrison, Ora.....Philo, O.
Morrison, Hobart.....Harriettsville, O.
Morton, Helen.....Washington, Pa.
Murray, Phyllis.....Caldwell, O.
Nairn, Esther.....New Concord, O.
Nash, David.....Lewisville, O.
Noble, Helen.....New Concord, O.
Norris, Mary.....Cambridge, O.
Okey, Ruth.....Caldwell, O.
Oliver, Pauline.....Byesville, O.
Orr, Ada.....Brownsville, O.
Parrish, Hurd.....Sharon, O.
Payne, Mabel.....Cambridge, O.
Pearson, Electa Violet.....Lamira, O.
Pekari, Mark.....Quaker City, O.
Penn, Rannis.....New Concord, O.
Peoples, William G.....Winterset, O.
Perkins, Clara U.....Cumberland, O.

Petty, Marie.....New Matamoras, O.
Phillips, Maude .....
Pool, Frances.....Windham, O.
Powelson, Mabel.....Blue Rock, O.
Pulley, Dwight M.....Salesville, O
Pryor, Lindsey.....Graysville, O.
Reed, Jeanette.....Ironspot, O.
Reed, Geo. W.....Quaker City, O.
Reilly, Kathrina.....Roxbury, O.
Rex, Paul B.....Cumberland, O.
Robinson, J. H.....Quaker City, O.
Rogers, Evert Clarence.....Cambridge, O.
Rose, Cora.....Richmond, O.
Rose, Mary.....Richmond, O.
Rose, Ella May.....Richmond, O.
Ross, Virgil.....Cambridge, O.
Rothermond, Bertha.....Bellaire, O.
Sarchet, Ada.....Cambridge, O.
Schott, Tillie.....Caldwell, O.
Schott, Roy.....Dexter City, O.
Scott, Harry.....Cumberland, O.
Scott, Jessie V.....Smithfield, O.
Shaffer, J. F.....Graysville, O.
Sharrock, Clara.....New Concord, O.
Shoemaker, Ada.....New Concord, O.
Shepherd, Helen.....Cambridge, O.
Shepherd, Nellie C.....Cambrdige, O.
Shipe, Ellis.....Barnesville, O.
Shook, M. Lucille.....Duncan Falls, Ohio
Sigman, Quintella.....Byesville, O.
Slack, Jessie.....South Zanesville, O.
Smith, Marie.....Batesville, O.
Smith, Roxie.....Caldwell, O.
Smock, Edith.....New Concord, O.
Spear, Mrs. Lenna.....Cambridge, O.
Speer, June.....New Concord, O.
Squib, Mary Elizabeth.....Washington, O.
Steele, Annas.....Senecaville, O.
Stevens, Carl Thomas.....Harriettsville, O.
Stevens, Erval.....Harrietsville, O.

Stockdale, Carrie H.....Freeport, O.
Stottsbury, Icel.....Sarahsville, O.
Stuller, Georgia Ella.....Dresden, O.
Taylor, Verah.....New Matamoras, O.
Taylor, Samuel.....East Liverpool, O.
Taylor, L. Clinton.....Coal Run, O.
Thompson, Pauline.....Adena, O.
True, Orpha.....Lower Salem, O.
Tubaugh, R. D.....Sardis, O.
Valentine, Mary.....Cambrdige, O.
Van Fossen, Charles B.....Harrietsville, O.
Vessels, Mary Phyllis.....Cambridge, O.
Walls, Luther Earl.....St. Clairsville, O.
Walter, Nancy.....Condit, O.
Warne, Beatrice.....New Concord, O.
Warne, Paul.....New Concord, O.
Warren, Elizabeth.....Bellaire, O.
Watson, Hazel Mildred.....Lore City, O.
Wells, Wilbur S.....Bird's Run, O.
Wells, Mary.....Cambridge, O.
White, Anna Jewell.....Chandlersville, O.
Wickham, Clarence.....Mt. Ephraim, O.
Wilkinson, Mary.....Byesville, O.
Williams, Eva.....Caldwell, O.
Williams, Margaret.....New Concord, O.
Wilson, Dorothy.....New Concord, O.
Wilson, Cora.....Kimbolton, O.
Wilson, David.....Ben Avon, Pa.
Wilson, Hazel.....New Concord, O.
Winegardner, H. K.....Hopewell, O.
Wright, Laura.....College Corner, O.
Wylie, Eleanor.....Norwich, O.
Wylie, Nannie.....Belle Center, O.
Wyrick, Jennie Frances.....Cambridge, O.
Young, Leonard R.....McConnelsville, O.

CONSERVATORY OF MUSIC

Senior Class

Rothermund, Bertha.....Martins Ferry, O.

Undergraduate Students

Alexander, Ruth.....Cambridge, O.
Allen, Mrs. O. B.....Cambridge, O.
Amos, Sarah.....Cambridge, O.
Anderson, Edgar.....Cambridge, O.
Archer, Mable.....Cambridge, O.
Arnold, Mary.....Cambridge, O.
Bailey, Stephen.....Cambridge, O.
Baldwin, Mrs. T. W.....New Concord, O.
Barnett, Verna.....Byesville, O.
Bell, Jane.....Zanesville, O.
Bell, Mary.....Cambridge, O.
Berry, Helen.....Cambridge, O.
Bichard, Pearl.....Cambridge, O.
Birch, Josephine.....McConnelsville, O.
Blackburn, Lillian.....Cambridge, O.
Blickstein, Rose.....Zanesville, O.
Blickstein, Violet.....Zanesville, O.
Bodner, Ruth.....Zanesville, O
Booth, Agnes.....Cambridge, O.
Bregher, Belva W.....Pleasant City, O.
Brennan, Rebecca.....Cambridge, O
Brown, Minnie.....Cambridge, O.
Cain, Birdie.....Cambridge, O.
Cain, Doris.....New Concord, O.
Cameron, Lois.....Cambridge, O.
Cameron, Mary.....Cambridge, O.
Cameron, Ruth.....Cambridge, O.
Cameron, Wilma.....Cambridge, O.
Campbell, Clara.....New Concord, O.
Campbell, Marjorie.....Pleasant City, O.
Carpenter, Fern.....Cambridge, O.
Clark, Mary.....Cambridge, O.
Cocheran, George.....Cambridge, O.
Colson, August.....Byesville, O.
Cornwald, Lora.....Cambridge, O.

Cowden, Olita.....Cambridge, O.
Cummings, Minnie.....Cambridge, O.
Davids, Helen.....Cambridge, O.
Davis, Sarah Jane.....Cambridge, O.
Deffenbaugh, Wilma.....Zanesville, O.
DeGolier, Elizabeth.....Cambridge, O.
Denham, Frieda.....New Concord, O.
DeVoled, Jennie.....Cambridge, O.
DeVolld, Josephine.....Cambridge, Ohio
Dieterly, Russell.....Zanesville, O.
Dodd, Roy.....Byesville, O.
Douglas, Mary.....New Concord, O.
Douglas, Virginia.....New Concord, O.
Doyle, Ersel.....Cambridge, O.
Dugan, Rebecca.....Cambridge, O.
Edwards, Anna.....Cambridge, O.
Edwards, Bernice.....Cambridge, O.
Elliott, Isabel.....Cambridge, O.
Esely, Lucile.....Cambridge, O.
Ewers, Helen.....Cambridge, O.
Fairchild, Margaret.....Cambridge, O.
Ferbrache, Irvine.....Cambridge, O.
Ferguson, Hazel.....Cambridge, O.
Finch, Pauline.....Carmi, Illinois
Finley, Esther.....New Concord, O.
Ford, Willard.....Cambridge, O.
Fordyce, Charlene.....Cambridge, O.
Forsythe, Gladys.....Cambridge, O.
Forsythe, Jeanette.....Cambridge, O.
Frame, Charlotta.....Cambridge, O.
Freeman, Mrs. E. H.....New Concord, O.
Friday, Lorna.....New Concord, O.
Fryer, Elizabeth.....Byesville, O.
Fryer, Margaret.....Byesville, O.
Gattsell, Carlisle.....Cambridge, O.
Gibbon, Virginia.....Zanesville, O.
Giffen, Helen.....Bellaire, O.
Giffen, J. Willard.....New Concord, O.
Gillespie, Blaine.....Cambridge, O.
Gordon, Walker.....New Concord, O.
Grabham, Harry.....Byesville, O.

Grant, William.....Cambridge, O.
Green, Ruth.....Cambridge, O.
Greenwald, Leah.....Cambridge, O.
Greenwald, Violet.....Cambridge, O.
Gregg, A. E.....New Concord, O.
Gregg, Louise.....Cambridge, O.
Grimes, Beulah.....New Concord, O.
Grimes, Dean.....New Concord, O.
Grimes, Lola.....Cambridge, O.
Harper, Edna.....Cambridge, O.
Hayes, Elizabeth.....Cambridge, O.
Heskett, Lucile.....Cambridge, O.
Heskett, Vivian.....Cambridge, O.
Hill, Lillian.....Moundsville, W. Va.
Himmenger, Rose.....Richmond, O.
Hopkins, Emma.....Cambridge, O.
Hoover, Edwin.....Pittsburgh, Pa.
Hutchman, Ruth.....Pittsburgh, Pa.
Hutton, Hazel.....Byesville, O.
Janke, Hulda.....Westerville, O.
Johnson, Raymond.....Moundsville, W. Va.
Johnson, Richard.....St. Clairsville, O.
Jordon, Iris.....Cambridge, O.
Kelsey, Hugh.....Cambridge, O.
Kelsey, Margaret.....Cambridge, O.
Keyes, Lucille.....Cambridge, O.
Kiddy, Margaret.....Cambridge, O.
Kimble, Mrs.....Cambridge, O.
Knellerger, Kathryn.....Zanesville, O.
Lane, Mary.....Cambridge, O.
Lane, Mary.....Nashport, O.
Larrick, Ruth.....Pleasant City, O.
Laverty, Clelia.....Cambridge, O.
Lawyer, Helen.....Cambridge, O.
Leeper, John.....Cambridge, O.
Leeper, Russell.....Cambridge, O.
Lewis, Maurice.....Cambridge, O.
Lewis, Winifred.....Cambridge, O.
Leyshon, Melba.....Cambridge, O.
Liddle, Fredolph.....Cambridge, O.
Linsenmayer, Clarence.....New Concord, O.

Livingood, Ida.....Zanesville, O
Logan, Edith.....Cambridge, O.
Lohr, Helen.....Pittsburgh, Pa.
Ludy, Margaret.....Zanesville, O.
McBride, Ralph.....Cambridge, O.
McCleary, Helen.....Cambridge, O.
McCreary, William.....Cambridge, O.
McCullum, Beulah.....Cambridge, O.
McFaddon, Sarah.....Cambridge, O.
McGregor, Mary.....Cambridge, O.
McKisson, Jeanette.....Cambridge, O.
McMullin, Robert.....Cambridge, O.
McNary, Bernice.....Cambridge, O.
Maris, Ruth.....Crooksville, O.
Marsh, Yvonne.....Cambridge, O.
Matthews, Katharine.....Cambridge, O.
Medill, Mrs. George.....Cambridge, O.
Melone, Vera.....New Concord, O.
Mervis, Freda.....Zanesville, O.
Meyers, Gladys.....Klondyke, O.
Milder, Selma.....Zanesville, O.
Miller, Mary.....Cambridge, O.
Miller Ruth.....Cambridge, O.
Milligen, Dorothy.....Cambridge, O.
Montgomery, Geneva.....New Concord, O.
Moore, Mabel.....Cambridge, O.
Morgan, Helen.....Cambridge, O.
Morgan, Vashti.....Cambridge, O.
Morton, Beatrice.....Cambridge, O.
Morton, Gail.....Cambridge, O.
Moss, Ethel.....Cambridge, O.
Moss Mary.....Cambridge, O.
Mullins, Winifred.....Cambridge, O.
Murray, Mrs.....Cambridge, O.
Murray, Laura M.....Cambridge, O.
Murphy, Ella.....Cambridge, O.
Murphy, Lillian.....Cambridge, O.
Narvell, Pauline.....Cambridge, O.
Neilley, Elizabeth.....Cambridge, O.
Nesselson, Irvin.....Cambridge, O.
Neyman, Dorothy.....Cambridge, O.

Nyce, Marriel.....Cambridge, O.
Nygood, Lydia.....Cambridge, O.
Ogilvie, Mary.....East Liverpool, O.
O'Neal, William B.....Zanesville, O.
Patterson, Elizabeth.....Cambridge, O.
Patterson, Kathryn.....Cambridge, O.
Patterson, Vernon.....Cambridge, O.
Patton, Roberta.....Cambridge, O.
Paxton, Grace.....Shiloh, O.
Peters, James.....Cambridge, O.
Peters, Kathryn.....Cambridge, O.
Peterson, Ethel.....E. Liverpool, O.
Petrikin, Margaret.....Cambridge, O.
Purkey, Louise.....Cambridge, O.
Pyles, Mary.....Cambridge, O.
Pyles, Paul.....Cambridge, O.
Ramsey, Willa.....Hubbard, O.
Rankin, John.....Cambridge, O.
Ray, Mrs.....Cambridge, O.
Reed, George.....Quaker City, O.
Reynolds, Mary.....Cambridge, O.
Riggle, Wave.....Buffalo, O.
Riggs, Mary.....Cambridge, O.
Robertson, Madge.....Lore City, O.
Robinette. Helen.....Zanesville, O.
Robinson, John.....New Concord, O.
Roosa, Clifford.....Cambridge, O.
Rose. Cora.....Richmond, O.
Rose, Mary.....Richmond, O.
Rothermund, Bertha.....Bellaire, O.
St. Clair, Ione.....Cambridge, O.
Sarchett, Edwin.....Cambridge, O.
Schwartz, Beatrice.....Zanesville, O.
Schwartzwalder, Edna.....Cambridge, O.
Secrest, Hattie.....Buffalo, O.
Seright, Edna.....New Concord, O.
Shoemaker, Ada.....McConnellsville, O.
Slocumb, Martha.....Cambridge, O.
Smith, Marie.....Quaker City, O.
Smith, Ruby.....Cambridge, O.
Snedeker, Holland.....Zanesville, O.

Sneddon, Agnes.....Lore City, O.
Sneddon, Robert.....Lore City, O.
Springer, Clifford.....Cambridge, O.
Starkey, Harry.....Zanesville, O.
Starr, Helen.....Cambridge, O.
Stephens, Margaret.....Cambridge, O.
Stephens, Mildred.....Cambridge, O.
Stevens, Mary Elizabeth.....Cambridge, O.
Stewart, Byron.....Lore City, O.
Stewart, Elizabeth.....New Concord, O.
Stewart, Mary.....Cambridge, O.
Stires, Dulcie.....Pleasant City, O.
Stone, Bernadine.....Claysville, O.
Stringfellow, Edna.....Klondyke, O.
Svoboda, Frank.....Cambridge, O.
Taggart, Martha.....New Concord, O.
Tanner, Kathryn.....Zanesville, O.
Taylor, Audrey.....Cambridge, O.
Thompson, Mary Anne.....Cambridge, O.
Thompson, Ruth.....Cambridge, O.
Tillon, Kathryn.....Cambridge, O.
Trace, Janey.....New Concord, O.
Trenner, Rose.....Cambridge, O.
Turnbaugh, Martha.....Cambridge, O.
Turnbaugh, Sarah.....Cambridge, O.
Vance, Beulah.....Byesville, O.
Watson, Grace.....New Concord, O.
Waxler, Brice.....Cambridge, O.
White, Dorothy.....Cambridge, O.
Williams, Ophelia.....Cambridge, O.
Williams, Paul.....Cambridge, O.
Wilson, Maurice.....Cambridge, O.
Wilson, Pauline.....New Concord, O.
Wilson, Susan.....Cambridge, O.
Worthington, Hilda.....Cambridge, O.
Worthington, Mary.....Cambridge, O.
Wylie, Nellie.....Cambridge, O.
Zediker, Ruth.....Zanesville, O.
Zinsmeister, Emil.....Zanesville, O.

ACADEMY

Fourth Year

Adams, Chalmer John.....Kimbolton, O.
Aikin, Alma Belle.....New Concord, O.
Aikin, Mabel L.....Kimbolton, O
Baker, Ralph Loraine.....New Concord, O.
Banker, Della.....Cambridge, O.
Blackstone, Della Grace.....New Concord, O.
Blaney, Robert Earle.....Washington, Pa.
Booth, Clara Virginia.....Washington, Pa.
Brown, Harold Walton.....New Concord, O.
Cobner, John Daniel.....North Braddock, Pa.
Denham, Frieda Florence.....New Concord, O.
Denny, Louella Gaile.....New Concord, O.
Ellison, Meryl Elizabeth.....Dexter City, O.
Forbes, Edna.....New Concord, O.
Frost, Ralph Wilbur.....Chester, West Va.
Frost, Frank Harold.....Chester, West Va.
George, Marjorie.....Mt. Perry, O.
Geyer, Robert H.....Norwich, O.
Gibson, Lois.....Kimbolton, O.
Gillogly, Eunice Neomie.....New Concord, O.
Gordon, David.....Gurdaspur, Punjab, N. India
Gregg, Albert Edmund.....New Concord, O.
Hess, Orval.....Norwich, O.
Jamison, Jennie.....New Concord, O.
Jones, John Paul.....New Concord, O.
Kensett, Thomas Gardner.....New Concord, O.
King, Jesse Martin.....Washington, Pa.
Lawrence, Don.....Kimbolton, O.
Lyons, Dwight E.....Chandlersville, O.
McBane, Donald.....Bergholz, O.
McCormick, Anna Belle.....Cambridge, O.
McDonald, Bessie.....New Concord, O.
Minnear, Ferne.....Sundale, O.
Monroe, Bruce A.....Cumberland, O.
Moore, Anderson.....New Concord, O.
Nicholson, Ruby Marie.....New Concord, O.
Prouty, James.....Chandlersville, O.
Rankin, Matthew.....Killyleigh, Co. Down, Ireland
Robinson, J. H.....Quaker City, O.

Seright, Lucile.....Chandlersville, O.
Shepherd, Earle.....New Concord, O.
Shipe, Ellis.....Barnesville, O.
Smith, Wilma Etha.....New Concord, O.
Smock, Donald Morrow.....New Concord, O.
Speer, Mary Joanna.....New Concord, O.
Spratt, Bernice.....Chandlersville, O.
Steele, Calvin K.....Ingram, Pa.
Stewart, Mabel Laura.....Bird's Run, O.
Stiles, Florence.....Cambridge, O.
Taggart, Martha.....New Concord, O.
Thompson, Esther.....White Cottage, O.
Thompson, Helyn Frances.....New Concord, O.
Thompson, Mabel.....E. Fultonham, O.
Trace, Harry.....New Concord, O.
Vessels, Wayne C.....New Concord, O.
Waddell, Lois Fern.....New Concord, O.
Wallace, Mary Olive.....Winterset, O.
Wallace, Estella Eunice.....Winterset, O.
Watson, Ethel.....Cumberland, O.
Watson, William Bryan.....New Concord, O.
Watson, Walter.....New Concord, O.
Williams, Paul.....New Concord, O.
Wilson, Esther.....Norwich, O.
Wyman, Robert S.....Conneaut, O.

Third Year

Anderson, Frances.....Wellsville, O.
Atkinson, Finley Deniston.....Carnegie, Pa.
Baker, Elsie.....New Concord, O.
Bell, Flora Edna.....New Concord, O.
Bond, Hazel.....Fairview, O.
Borden, Frank Elder.....Malta, O.
Buchanan, Donald.....New Concord, O.
Collins, Ruth.....S. Ryegate, Vt.
Daugherty, Donald Hayes.....New Concord, O.
Denison, Margaret.....New Concord, O.
Forshey, Carl Alonzo.....New Concord, O.
Geese, Katharine.....Cambridge, O.
Gibson, Hallie.....New Concord, O.
Graham, Lulu.....Pleasant City, O.
Gray, G. Delbert.....Freeport, O.

Knowles, Allen.....New Concord O.
Lawrence. Dana.....Cambridge, O.
Lyons, Carl.....New Concorrd, O.
McConnelee, Fred.....Sargodha, India
McCullough, Lloyd.....New Concord, O.
McFetridge, Elizabeth.....St. Clairsville, O.
Mock, John.....New Concord, O.
Moore, Robert Duff.....New Concord, O.
Penn, Denver.....New Concord, O.
Penn, Rannis.....New Concord, O.
Sawyer, Eloise.....New Concord, O.
Shepherd, Walter.....New Concord, O.
Shinabery, Nettie.....New Concord, O.
Smith, Wilma Etha.....New Concord, O.
Speer, David.....New Concord, O.
Warne, Mary Bernice.....Freeland, O.
Warne, Ruth.....New Concord, O.
White, Russel.....New Concord, O.
Wilson, Cora.....Kimbolton, O.
Wilson, Pauline.....New Concord, O.
Young, Elizabeth Belle.....Bird's Run, O.
Young, Mary Elizabeth.....New Concord, O.

Second Year

Aikin, Ralph E.....Kimbolton, O.
Bendure, Marion.....Zanesville, O.
Best, Sarah.....New Concord, O.
Briggs, Carl.....New Concord, O.
Duff, Hazel.....New Concord, O.
Grimes, Dean.....New Concord, O.
Hoover, Edwin.....Mt. Lebanon, Pa.
Hyzer, Martin.....Andes, N. Y.
Jamison, Esther.....New Concord, O.
Kindle, Margaret.....New Concord, O.
Linn, James.....New Concord, O.
Lorimer, Dwight.....New Concord, O.
McConagha, Mary.....New Concord, O.
McDonald, Harry.....New Concord, O.
Martin, Dora.....New Concord, O.
Morrow, Augusta.....New Concord, O.
Morrow, Ruth.....Burgettstown, Pa.
Osler, Florence.....New Concord, O.

Robinson, John W.....New Concord, O.
Stewart, Elizabeth.....New Concord, O.
Stewart, Lois.....Zanesville, O.
Stockum, Blanche.....New Concord, O.
Stockum, Alta.....New Concord, O.
Swan, Reo M.....Kimbolton, O.
Thompson, Dwight.....New Concord, O.
Thompson William.....New Concord, O.
Wilson, Dorothy.....New Concord, O
Wylie, Eleanor.....Norwich, O.
Young, Raymond.....New Concord, O.
Young, Carl.....New Concord, O.

First Year

Acheson, Charles Chester.....New Concord, O.
Ballenger, Frank Edward.....New Concord, O.
Blackstone, Frank G.....New Concord, O.
Brothers, Helen G.....Cambridge, O.
Brown, Helen.....New Concord, O.
Coulter, Charles W.....Butler, Pa.
Cox, William.....New Concord, O.
Cunningham, Margaret.....New Concord, O.
Douglas, Mary.....New Concord, O.
Finley, Esther.....New Concord, O.
Ford, Harry.....New Concord, O.
Forsythe, Eva Irene.....New Concord, O.
Garner, William J.....New Concord, O
Gibson, Edna.....New Concord, O.
Giffen, Martin.....New Concord, O.
Given, Harry.....New Concord, O.
Given, Hazel.....New Concord, O.
Gray, Frances E. Willard.....New Concord, O.
Grimes, Lois.....New Concord, O.
Groves, Elizabeth.....New Concord, O.
Groves, Ellen.....New Concord, O.
Kelly, Donald.....Cambridge, O.
Kindle, Margaret.....New Concord, O.
Lawrence, Homer E.....Blue Rock O.
Lohr, Helen M.....Pittsburgh, Pa.
McAlister, Edna.....New Concord, O.
McCance, Louise.....New Concord, O.
McCormick, Esta.....Cambridge, O

Mathers, Mary.....Cambridge, O
Mathews, Orpha.....Cambridge, O.
Melone, Vera.....New Concord, O.
Miller, Samuel N.....New Concord, O.
Montgomery, Paul.....New Concord, O.
Rankin, Anna E.....New Concord, O.
Scott, Homer.....New Concord, O.
Shaw, Lulu.....Kimbolton, O.
Smith, Anna Ruth.....New Concord, O.
Smock, Edith.....New Concord, O.
Sprague, Darrel.....Otsego, O.
Trace, Helen.....New Concord, O.
Williams, Silas.....New Concord, O.
Wilson, Clyde.....Blue Rock, O.
Yaw, Leland D.....New Concord, O.
Young, Pearl L.....New Concord, O.

SUMMARY OF ENROLLMENT

For the Year 1917-1918

	1916-17	1917-18
COLLEGE		
Senior Class	44	48
Junior Class	59	32
Sophomore Class	65	87
Freshman Class	127	125
Special College Students	39	38
Total College Students	334	330
SUMMER SCHOOL		
Special Normal and Summer Term	213	320
ACADEMY		
Senior Class	46	64
Third Year	46	37
Second Year	40	30
First Year	39	43
Total Academy Students	171	174
Total in Literary Department	718	824
CONSERVATORY		
Seniors	2	1
Total in all Departments in Conservatory	277	239
ART		
Total in the School of Art	10	16
Total Net Enrollment for year	852	954

SUMMARY BY STATES

	1916-17	1917-18
Alabama	1	0
California	1	0
Egypt	3	3
Illinois	6	2
India	6	6
Indiana	8	6
Ireland	1	1
Kansas	1	2
Kentucky	2	1
Michigan	0	1
Mississippi	0	1
Missouri	3	1
New Jersey	3	2
New Mexico	1	1
New York	5	8
North Carolina	1	0
Ohio	718	834
Oregon	1	2
Pennsylvania	88	73
Porto Rico	1	0
South Carolina	1	0
Vermont	2	2
Virginia	1	0
West Virginia	5	8

OFFICERS ALUMNI ASSOCIATION

President.....W. Merton Aikin, '07, Columbus, O.
Vice President.....Neale A. Ranson, '07, Stanton, Ky.
Secretary and Treasurer.....
.....Mrs. Frances Giffen, '85, New Concord, O.
Cor. Secretary..Mrs. Leota Watt Bickett, '01, New Concord, O.
Executive Committee—
Nettie Belle Welch, '15.....New Concord, O.
C. Ellis Moore, '07.....Cambridge, O.

MUSKINGUM COLLEGE PRESIDENTS

Rev. B. Waddle, D. D.....1837-1838
Rev. S. Wilson.....1838-1846
Rev. D. A. Wallace, D. D., LL. D.....1846-1848
Rev. John Milligan.....1848-1849
Rev. S. G. Irvine, D. D.....1849-1851
Rev. S. McArthur.....1851-1855
Rev. B. Waddle, D. D.....1855-1858
Rev. J. P. Lytle, D. D., (pro tem).....1859-1861
Rev. H. P. McClurkin, D. D., (pro tem).....1859-1861
Rev. L. B. Shryock.....1861-1864
Rev. D. Paul, D. D.....1865-1879
Rev. F. M. Spencer, D. D.....1879-1886
Rev. J. D. Irons, D. D., LL. D.....1887-1892
Rev. D. K. McKnight, D. D., (pro tem).....1892-1893
Rev. Jesse Johnson, D. D.....1893-1902
Chester J. Marshall, A. M., (pro tem).....1902-1903
Leonard J. Graham, A. M., (pro tem).....1903-1904
Rev. J. Knox Montgomery, D. D.....1905-

HONORARY DEGREES CONFERRED

1850
Rev. Samuel Irving, D. D.
Rev. Samuel Findley, D. D.
Rev. William Wylie, D. D.

1859
R. Stillwell, LL. D.
Gen. C. B. Goddard, LL. D.

1871
Rev. Robt. Herron, D. D.
Rev. John Comin, D. D.
Rev. D. Paul, D. D.
Rev. T. P. Stevenson, D. D.

1872
Rev. B. Waddle, D. D.
Prof. O. H. Roberts, A. M.

1873
Gen. M. D. Leggert, LL. D.

1874
Rev. D. W. Fisher, D. D.
Rev. H. B. Fry, D. D.
Rev. S. M. Hickman, D. D.

1876
Prof. A. C. Rideout, LL. D.
J. K. Watson, A. B.

1878
Rev. Samuel Collins, D. D.
Rev. H. P. McClurkin, D. D.
Rev. D. H. French, D. D.
Rev. S. T. Boyd, Ph. D.

1880
Rev. J. B. Scouler, D. D.
Rev. Thomas Balph, D. D.

1882
Samuel T. Wallace, A. M.
Rev. Wm. G. Waddle, D. D.

1883
Rev. James White, D. D.

1884
Rev. Samuel Martin, D. D.
Rev. David McAllister, D. D.
Rev. C. S. Marshall, D. D.
Rev. Wm. Johnson, D. D.
Rev. W. W. Ralston, D. D.

1885
Rev. Hugh Hervey, D. D.

1886
Rev. James Harper, LL. D.
Rev. F. M. Spencer, D. D.

1887
Rev. W. W. Gibson, D. D.
Prof. C. F. Palmer, A. M.
Judge G. L. Phillips, LL. D.
Prof. James Hammond, A. M.

1888
Rev. D. A. McClenahan, D. D.
Prof. Thos. M. Sewell, Ph. D.

1889
Rev. C. L. Work, D. D.
Rev. A. H. Harshaw, D. D.
Rev. E. S. McKitrick, D. D.
Rev. J. S. Speer, D. D.
Rev. W. R. Scott, Ph. D.

1890
Rev. R. G. Wallace, D. D.
Rev. M. J. Smalley, A. M.
Dr. John E. Minney, A. M.

1891
Rev. W. O. Thompson, D. D.
Rev. J. P. Cowan, D. D.
Rev. J. H. Veazy, D. D.

1892
Rev. D. F. McGill, D. D.

1893
Rev. T. B. Turnbull, D. D.
Rev. Jos. A. Collins, D. D.
Prof. W. W. White, D. D.
Rev. James C. Wilson, D. D.
Supt. J. A. Shawan, Ph. D.
Prof. E. E. Smock, M. S.
Dr. David B. Best, M. S.

1895
Rev. R. H. Hume, D. D.
Prof. L. D. Bonebraker, Ph. D.
Rev. W. S. Harper, D. D.

1896
Rev. R. C. Wylie, D. D.

1897
Prof. J. C. McClelland, D. D.

1898
Rev. T. P. Robb, D. D.

1899
Prof. John D. Irons, LL. D.

1900
Rev. Frank Granstaff, D. D.

1901
Rev. H. Y. Leeper, D. D.
Rev. Arney S. Biddle, D. D.
Rev. I. N. White, D. D.
Rev. W. S. Kreger, A. M.

1902
Rev. J. M. Atkinson, D. D.
Rev. W. H. McMillan, LL. D.

1904
Prof. Thos. A. Smith, LL. D.
Rev. Wm. Hesse, D. D.

1906
Rev. Purley A. Zartman, D.D.
Rev. T. P. Stevenson, LL. D.

1907
Rev. W. W. Lawrence, D. D.
Rev. R. A. Hutchison, D. D.
Rev. W. H. French, LL. D.

1908
Rev. E. M. Milligan, D. D.
Rev. Melvin G. Kyle, LL. D.
Miss Susan E. Crumbaker, M. Lit.
Miss Elizabeth Waddell, M. S.

1909
Rev. P. B. Fitzwater, D. D.
Rev. J. W. Ashwood, D. D.
Rev. Howard S. Wilson, D. D.
Rev. James Boyce, D. D.
Rev. D. A. McClenahan, LL.D.
Judge A. A. Frazier, LL. D.
Rev. R. C. Wylie, LL. D.

1910
Rev. John Howard Martin, D. D.
Rev. James Revenaugh, D. D.

1911
Rev. J. Krudenier, D. D.
Rev. A. S. Rogers, D. D.
Rev. Henry Beets, LL. D.

1912
Rev. T. D. Edgar, D. D.
Rev. W. B. Fleming, D. D.
Rev. J. F. Clokey, D. D.
Rev. James E. Sheppard, D. D.
Prof. T. H. Paden, Ph. D.
Prof. Robt. Francis Harper, LL. D.
Rev. W. G. Waddle, LL. D.

1914
Rev. Wm. P. Aiken, D. D.
Rev. Findley M. Wilson, D. D.
Dwight Joel Partello, LL. D.

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